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GOUVERNEMENT GÉNÉRAL DE L'INDOCHINE

*Indo-China, French*

SERVICE MÉTÉOROLOGIQUE DE L'INDOCHINE

Hydrographic Office  
H. \_\_\_\_\_ Asst. \_\_\_\_\_  
Incl. \_\_\_\_\_  
DEC 8 - 1939  
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D. S. \_\_\_\_\_ Ch. Cl. \_\_\_\_\_  
AMERICAN CONSULATE  
SEP 22 1939  
SAIGON, FRENCH INDOCHINA

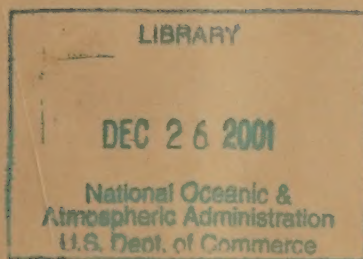
BULLETIN MENSUEL

(DES

OBSERVATIONS)

PUBLIÉ SOUS LA DIRECTION DE

B. GUILMET  
DIRECTEUR p. i.



ANNÉE 1938



QC  
990  
148  
1385  
1428

OBSERVATOIRE CENTRAL  
PHU-LIEN (TONKIN)  
1938

Mo. 1 516  
24160  
1938

18

# Coordonnées géographiques approchées des stations météorologiques

| STATIONS               | Correction<br>de gravité<br>en mb. | Latitude<br>Nord | Longitude<br>E. Greenwich | Altitude<br>(en mètres) |    | Nombre d'années<br>d'observations |             |       | REMARQUES                                                                                                                                                                                                                                  |
|------------------------|------------------------------------|------------------|---------------------------|-------------------------|----|-----------------------------------|-------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                        |                                    |                  |                           | Hs                      | Hb | Pressions                         | Température | Pluie |                                                                                                                                                                                                                                            |
|                        |                                    |                  |                           |                         |    |                                   |             |       |                                                                                                                                                                                                                                            |
| Yunnanfou <i>China</i> | — 1,7                              | 25°07'           | 102°54'                   | 1893                    |    | 11                                | 32          | 31    | Les observations thermo-<br>métriques sont faites pour<br>toutes les stations météoro-<br>logiques et climatologiques<br>à 1 <sup>m</sup> 60 environ au-dessus<br>du niveau de la station.                                                 |
| Fort-Bayard            | — 2,0                              | 21.03            | 110.28                    | 14                      |    | 11                                | 25          | 21    |                                                                                                                                                                                                                                            |
| Laokay                 | — 1,9                              | 22.30            | 103.57                    | 93                      |    | 11                                | 32          | 32    |                                                                                                                                                                                                                                            |
| Baoha                  | — 1,9                              | 22.12            | 104.21                    | 80                      |    | 1                                 | 2           | 8     | La hauteur de la bague<br>du pluviomètre se trouve<br>à 1 <sup>m</sup> 50 environ au-dessus<br>du niveau de la station.                                                                                                                    |
| Langson                | — 2,0                              | 21.50            | 106.46                    | 259                     |    | 10                                | 32          | 32    |                                                                                                                                                                                                                                            |
| Moncay                 | — 2,0                              | 21.31            | 107.58                    | 9                       |    | 11                                | 32          | 31    |                                                                                                                                                                                                                                            |
| Sonla                  |                                    | 21.20            | 103.54                    | 602                     |    | —                                 | 2           | 14    | Sauf à Phu Lien où les<br>observations anémométriques<br>sont faites au sommet<br>d'une Tour de 35 <sup>m</sup> , les ren-<br>seignements sur le vent<br>sont en général pris entre<br>4 et 6 mètres au-dessus du<br>niveau de la station. |
| Gialam                 | — 2,0                              | 21.03            | 105.52                    | 10                      |    | 1                                 | 2           | 2     |                                                                                                                                                                                                                                            |
| Hoabinh                |                                    | 20.48            | 105.20                    | 20                      |    | —                                 | 3           | 8     |                                                                                                                                                                                                                                            |
| Phulien                | — 2,0                              | 20.48            | 106.38                    | 115                     |    | 32                                | 32          | 32    | Sauf à Phu Lien où les<br>observations anémométriques<br>sont faites au sommet<br>d'une Tour de 35 <sup>m</sup> , les ren-<br>seignements sur le vent<br>sont en général pris entre<br>4 et 6 mètres au-dessus du<br>niveau de la station. |
| Namdinh                | — 2,0                              | 20.25            | 106.10                    | 5                       |    | 8                                 | 8           | 27    |                                                                                                                                                                                                                                            |
| Thanhhoa               | — 2,0                              | 19.48            | 105.47                    | 4                       |    | 11                                | 32          | 32    |                                                                                                                                                                                                                                            |
| Vinh                   | — 2,1                              | 18.40            | 105.40                    | 6                       |    | 11                                | 32          | 32    | Sauf à Phu Lien où les<br>observations anémométriques<br>sont faites au sommet<br>d'une Tour de 35 <sup>m</sup> , les ren-<br>seignements sur le vent<br>sont en général pris entre<br>4 et 6 mètres au-dessus du<br>niveau de la station. |
| Donghoi                | — 2,1                              | 17.29            | 106.36                    | 7                       |    | 11                                | 32          | 32    |                                                                                                                                                                                                                                            |
| Quangtri               | — 2,3                              | 16.44            | 107.11                    | 7                       |    | 11                                | 32          | 32    |                                                                                                                                                                                                                                            |
| Huê                    | — 2,3                              | 16.26            | 107.33                    | 6                       |    | 9                                 | 27          | 27    | Sauf à Phu Lien où les<br>observations anémométriques<br>sont faites au sommet<br>d'une Tour de 35 <sup>m</sup> , les ren-<br>seignements sur le vent<br>sont en général pris entre<br>4 et 6 mètres au-dessus du<br>niveau de la station. |
| Tientcha               | — 2,3                              | 16.08            | 108.18                    | 155                     |    | 11                                | 30          | 31    |                                                                                                                                                                                                                                            |
| Tourane                | — 2,3                              | 16.05            | 108.13                    | 3                       |    | 8                                 | 8           | 10    |                                                                                                                                                                                                                                            |
| Quangngai              | — 2,3                              | 15.08            | 108.47                    | 14                      |    | 10                                | 32          | 32    | Sauf à Phu Lien où les<br>observations anémométriques<br>sont faites au sommet<br>d'une Tour de 35 <sup>m</sup> , les ren-<br>seignements sur le vent<br>sont en général pris entre<br>4 et 6 mètres au-dessus du<br>niveau de la station. |
| Bongson                |                                    | 14.26            | 109.01                    | 8                       |    | —                                 | 8           | 8     |                                                                                                                                                                                                                                            |
| Pleiku                 | — 2,4                              | 14.01            | 107.56                    | 753                     |    | 1                                 | 1           | 1     |                                                                                                                                                                                                                                            |
| Quinhon                | — 2,4                              | 13.46            | 109.13                    | 6                       |    | 11                                | 30          | 29    | Sauf à Phu Lien où les<br>observations anémométriques<br>sont faites au sommet<br>d'une Tour de 35 <sup>m</sup> , les ren-<br>seignements sur le vent<br>sont en général pris entre<br>4 et 6 mètres au-dessus du<br>niveau de la station. |
| Tuyhoa                 |                                    | 13.05            | 109.18                    | 10                      |    | —                                 | 3           | 6     |                                                                                                                                                                                                                                            |
| Nhatrang               | — 2,4                              | 12.15            | 109.12                    | 6                       |    | 11                                | 32          | 32    |                                                                                                                                                                                                                                            |
| Padaran                | — 2,5                              | 11.21            | 109.01                    | 180                     |    | 11                                | 32          | 32    | Sauf à Phu Lien où les<br>observations anémométriques<br>sont faites au sommet<br>d'une Tour de 35 <sup>m</sup> , les ren-<br>seignements sur le vent<br>sont en général pris entre<br>4 et 6 mètres au-dessus du<br>niveau de la station. |
| Phanthiet              | — 2,5                              | 10.56            | 108.06                    | 6                       |    | 8                                 | 8           | 14    |                                                                                                                                                                                                                                            |
| Saigon                 | — 2,5                              | 10.47            | 106.42                    | 11                      |    | 10                                | 30          | 32    |                                                                                                                                                                                                                                            |
| Hatien                 | — 2,5                              | 10.23            | 104.29                    | 6                       |    | 10                                | 11          | 32    | Sauf à Phu Lien où les<br>observations anémométriques<br>sont faites au sommet<br>d'une Tour de 35 <sup>m</sup> , les ren-<br>seignements sur le vent<br>sont en général pris entre<br>4 et 6 mètres au-dessus du<br>niveau de la station. |
| Cap St Jacques         | — 2,5                              | 10.20            | 107.05                    | 183                     |    | 11                                | 32          | 32    |                                                                                                                                                                                                                                            |
| Cantho                 | — 2,5                              | 10.02            | 105.47                    | 3                       |    | 1                                 | 7           | 24    |                                                                                                                                                                                                                                            |
| Poulo Condore          | — 2,5                              | 8.42             | 106.35                    | 6                       |    | 7                                 | 7           | 9     | Sauf à Phu Lien où les<br>observations anémométriques<br>sont faites au sommet<br>d'une Tour de 35 <sup>m</sup> , les ren-<br>seignements sur le vent<br>sont en général pris entre<br>4 et 6 mètres au-dessus du<br>niveau de la station. |
| Poulo Obi              |                                    | 8.25             | 104.49                    | 325                     |    | —                                 | 2           | 5     |                                                                                                                                                                                                                                            |
| Stungtreng             | — 2,4                              | 13.31            | 105.58                    | 51                      |    | —                                 | 10          | 27    |                                                                                                                                                                                                                                            |
| Siemréap               | — 2,4                              | 13.22            | 103.51                    | 21                      |    | —                                 | 9           | 20    | Sauf à Phu Lien où les<br>observations anémométriques<br>sont faites au sommet<br>d'une Tour de 35 <sup>m</sup> , les ren-<br>seignements sur le vent<br>sont en général pris entre<br>4 et 6 mètres au-dessus du<br>niveau de la station. |
| Sisophon               | — 2,4                              | 13.35            | 103.02                    | 14                      |    | 3                                 | 6           | 22    |                                                                                                                                                                                                                                            |
| Battambang             | — 2,4                              | 13.11            | 103.12                    | 16                      |    | 10                                | 11          | 27    |                                                                                                                                                                                                                                            |
| Kompongthom            |                                    | 12.42            | 104.52                    | 13                      |    | —                                 | 10          | 26    | Sauf à Phu Lien où les<br>observations anémométriques<br>sont faites au sommet<br>d'une Tour de 35 <sup>m</sup> , les ren-<br>seignements sur le vent<br>sont en général pris entre<br>4 et 6 mètres au-dessus du<br>niveau de la station. |
| Kratié                 | — 2,4                              | 12.29            | 106.01                    | 23                      |    | 8                                 | 9           | 20    |                                                                                                                                                                                                                                            |
| Pursat                 | — 2,4                              | 12.33            | 103.51                    | 18                      |    | 5                                 | 9           | 24    |                                                                                                                                                                                                                                            |
| Le Rolland             | — 2,4                              | 12.19            | 107.18                    | 900                     |    | 1                                 | 2           | 5     | Sauf à Phu Lien où les<br>observations anémométriques<br>sont faites au sommet<br>d'une Tour de 35 <sup>m</sup> , les ren-<br>seignements sur le vent<br>sont en général pris entre<br>4 et 6 mètres au-dessus du<br>niveau de la station. |
| Kompongchnang          |                                    | 12.15            | 104.39                    | 6                       |    | —                                 | 7           | 22    |                                                                                                                                                                                                                                            |
| Phnompenh              | — 2,4                              | 11.33            | 104.55                    | 12                      |    | 10                                | 22          | 32    |                                                                                                                                                                                                                                            |
| Hot cone               | — 2,4                              | 11.26            | 103.01                    | 34                      |    | 2                                 | 2           | 11    | Sauf à Phu Lien où les<br>observations anémométriques<br>sont faites au sommet<br>d'une Tour de 35 <sup>m</sup> , les ren-<br>seignements sur le vent<br>sont en général pris entre<br>4 et 6 mètres au-dessus du<br>niveau de la station. |
| Soairieng              | — 2,5                              | 11.05            | 105.48                    | 6                       |    | 5                                 | 10          | 21    |                                                                                                                                                                                                                                            |
| Luangprabang           | — 2,1                              | 19.53            | 102.08                    | 340                     |    | 10                                | 27          | 30    |                                                                                                                                                                                                                                            |
| Tranninh               | — 2,1                              | 19.29            | 103.14                    | 1122                    |    | —                                 | 1           | 1     | Sauf à Phu Lien où les<br>observations anémométriques<br>sont faites au sommet<br>d'une Tour de 35 <sup>m</sup> , les ren-<br>seignements sur le vent<br>sont en général pris entre<br>4 et 6 mètres au-dessus du<br>niveau de la station. |
| Paksane                | — 2,1                              | 18.25            | 103.38                    | 152                     |    | 6                                 | 6           | 9     |                                                                                                                                                                                                                                            |
| Napé                   | — 2,1                              | 18.18            | 105.04                    | 589                     |    | —                                 | 5           | 15    |                                                                                                                                                                                                                                            |
| Vientiane              | — 2,1                              | 17.58            | 102.36                    | 162                     |    | 11                                | 11          | 27    | Sauf à Phu Lien où les<br>observations anémométriques<br>sont faites au sommet<br>d'une Tour de 35 <sup>m</sup> , les ren-<br>seignements sur le vent<br>sont en général pris entre<br>4 et 6 mètres au-dessus du<br>niveau de la station. |
| Thakhek                | — 2,1                              | 17.23            | 104.48                    | 135                     |    | 1                                 | 10          | 12    |                                                                                                                                                                                                                                            |
| Savannakhet            | — 2,3                              | 16.33            | 104.44                    | 140                     |    | 11                                | 11          | 11    |                                                                                                                                                                                                                                            |
| Paksé                  | — 2,3                              | 15.07            | 105.47                    | 92                      |    | 10                                | 10          | 10    |                                                                                                                                                                                                                                            |

# Coordonnées géographiques approchées des stations climatologiques

| STATIONS        | Nombre d'années d'observations |       | Latitude Nord | Longitude E. Greenwich | Altitude (en mètres) | STATIONS           | Nombre d'années d'observations |       | Latitude Nord | Longitude E. Greenwich | Altitude (en mètres) |
|-----------------|--------------------------------|-------|---------------|------------------------|----------------------|--------------------|--------------------------------|-------|---------------|------------------------|----------------------|
|                 | Température                    | Pluie |               |                        |                      |                    | Température                    | Pluie |               |                        |                      |
| Trungkhanhphu   | 2                              | 8     | 22°50'        | 106°32'                | 520                  | Diom               | 9                              | 9     | 11°48'        | 108°34'                | 1100                 |
| Hagiang         | 5                              | 15    | 22.50         | 104.58                 | 187                  | Langhanh           | 11                             | 11    | 11.43         | 108.30                 | 990                  |
| Tamdao          | 7                              | 8     | 21.27         | 105.39                 | 897                  | Djiring            | 11                             | 16    | 11.34         | 108.05                 | 972                  |
| Laichau         | 5                              | 12    | 22.02         | 103.08                 | 186                  | Phanrang           | 5                              | 6     | 11.33         | 108.59                 | 5                    |
| Tuyenquang      | 11                             | 29    | 21.49         | 105.13                 | 65                   | Blao (Daklongpoul) | 6                              | 6     | 11.28         | 107.48                 | 850                  |
| Thanhba         | 24                             | 30    | 21.28         | 105.08                 | 27                   | Thuanloi           | 5                              | 7     | 11.35         | 106.52                 | 150                  |
| Phuho           | 11                             | 19    | 21.27         | 105.15                 | 25                   | Dautieng           | 10                             | 12    | 11.20         | 106.20                 | 25                   |
| Phulangthuong   | 11                             | 27    | 21.16         | 106.12                 | 4                    | Bongtrang          | 6                              | 10    | 11.13         | 106.43                 | 34                   |
| Lapho           | 19                             | 28    | 21.10         | 105.16                 | 15                   | Bencat             | 11                             | 20    | 11.09         | 106.35                 | 4                    |
| Hoalac          | 1                              | 2     | 21.02         | 105.32                 | 20                   | Giaray             | 11                             | 13    | 10.57         | 107.24                 | 138                  |
| Phatdiem        | 11                             | 18    | 20.05         | 106.05                 | 1                    | Xuanloc            | 7                              | 8     | 10.57         | 107.14                 | 202                  |
| Nhuxuan         | 6                              | 10    | 19.38         | 105.35                 | 10                   | Trangbom           | 5                              | 5     | 10.57         | 107.00                 | 60                   |
| Phuqui          | 11                             | 12    | 19.22         | 105.24                 | 75                   | Tanchau            | 11                             | 24    | 10.48         | 105.13                 | 4                    |
| Voibo           | 5                              | 5     | 18.29         | 105.20                 | 8                    | Kompongcham        | 10                             | 18    | 12.00         | 105.27                 | 19                   |
| Kontum          | 21                             | 22    | 14.22         | 107.56                 | 536                  | Kampot             | 8                              | 29    | 10.37         | 104.11                 | 5                    |
| Dakdoà          | 6                              | 9     | 14.11         | 108.04                 | 650                  | Nonghet            | 10                             | 10    | 19.32         | 103.54                 | 1200                 |
| Pleiku (P.C.L.) | 10                             | 13    | 14.05         | 107.57                 | 772                  | Xiengkhouang       | 9                              | 12    | 19.20         | 103.22                 | 1149                 |
| Iapuch          | 6                              | 13    | 13.50         | 107.52                 | 715                  | Boneng             | 9                              | 10    | 17.53         | 104.37                 | 180                  |
| Thachban        | 10                             | 10    | 12.59         | 109.08                 | 25                   | Bolovens (Paksong) | 9                              | 10    | 15.14         | 106.10                 | 1200                 |
| Banmethuot      | 11                             | 11    | 12.36         | 108.05                 | 461                  |                    |                                |       |               |                        |                      |
| Dalat           | 22                             | 22    | 11.57         | 108.28                 | 1500                 |                    |                                |       |               |                        |                      |
| Petit Langbian  | 8                              | 8     | 11.57         | 108.30                 | 1600                 |                    |                                |       |               |                        |                      |

# Coordonnées géographiques approchées des stations pluviométriques

| STATIONS               | Nombre<br>d'années<br>d'observations | Latitude<br>Nord | Longitude<br>E. Greenwich | Altitude<br>(en<br>mètres) | STATIONS           | Nombre<br>d'années<br>d'observations | Latitude<br>Nord | Longitude<br>E. Greenwich | Altitude<br>(en<br>mètres) |
|------------------------|--------------------------------------|------------------|---------------------------|----------------------------|--------------------|--------------------------------------|------------------|---------------------------|----------------------------|
| Caobang                | 14                                   | 22°40'           | 106°16'                   | 210                        | Hadong (T.P.)      | 3                                    | 20°58'           | 105°47'                   | 5                          |
| Nganson                | 20                                   | 22.26            | 106.00                    | 566                        | Hadong (I.R.A.)    | 4                                    | 20.58            | 105.47                    | 5                          |
| Thatkhe                | 8                                    | 22.16            | 106.28                    | 175                        | Banyennhan         | 15                                   | 20.57            | 106.02                    | 4                          |
| Yenlac                 | 8                                    | 22.15            | 106.12                    | 233                        | Xuanthuy           | 10                                   | 20.53            | 105.34                    | 20                         |
| Nacham                 | 8                                    | 22.03            | 106.37                    | 175                        | Khoaichau          | 5                                    | 20.51            | 105.58                    | 7                          |
| Phobinhgia             | 8                                    | 21.57            | 106.23                    | 400                        | Thuongtin          | 3                                    | 20.50            | 105.52                    | 5                          |
| Locbinh                | 8                                    | 21.46            | 106.56                    | 175                        | Hungyen            | 16                                   | 20.38            | 106.04                    | 1                          |
|                        |                                      |                  |                           |                            | Phuly              | 3                                    | 20.33            | 105.55                    | 6                          |
| Hacoi                  | 10                                   | 21.27            | 107.46                    | 25                         | Daidong            | 11                                   | 20.27            | 105.49                    | 5                          |
| Muingoc                | 12                                   | 21.26            | 107.58                    | 25                         | Thaibinh (S.P.Ad.) | 8                                    | 20.27            | 106.21                    | 1                          |
| Phobache               | 13                                   | 21.16            | 107.17                    | 25                         | Thaibinh (O.I.R.)  | 6                                    | 20.27            | 106.21                    | 4                          |
| Port wallut (S.P.Ad.)  | 12                                   | 21.12            | 107.35                    | 25                         | Phunhoquan         | 3                                    | 20.18            | 105.45                    | 5                          |
| Port wallut (S.P.L.)   | 4                                    | 21.12            | 107.35                    | 25                         | Ninhbinh           | 8                                    | 20.14            | 105.58                    | 1                          |
| Campha mines           | 16                                   | 21.00            | 107.16                    | 7                          | Vanly              | 12                                   | 20.07            | 106.18                    | 1                          |
| Hongay                 | 21                                   | 20.57            | 107.05                    | 11                         |                    |                                      |                  |                           |                            |
| Dongbai                | 11                                   | 20.49            | 106.53                    | 1                          | Muongkhuong        | 11                                   | 22.46            | 104.07                    | 772                        |
| Cacba                  | 12                                   | 20.44            | 107.03                    | 6                          | Baxat              | 8                                    | 22.36            | 103.50                    | 100                        |
|                        |                                      |                  |                           |                            | Phomoi             | 26                                   | 22.29            | 103.57                    | 93                         |
| Sept Pagodes           | 25                                   | 21.07            | 106.18                    | 3                          | Chapa              | 14                                   | 22.22            | 103.52                    | 1640                       |
| Mine Clotilde          | 15                                   | 21.07            | 106.50                    | 110                        | Yenbav             | 25                                   | 21.42            | 104.52                    | 32                         |
| Maokhe                 | 17                                   | 21.04            | 106.35                    | 25                         | Nghialo            | 8                                    | 21.36            | 104.31                    | 18                         |
| Uongbi                 | 13                                   | 21.02            | 106.46                    | 7                          | Viêtri             | 26                                   | 21.18            | 105.25                    | 17                         |
| Quangyen (S.P.Ad.)     | 30                                   | 20.57            | 106.48                    | 6                          |                    |                                      |                  |                           |                            |
| Quangyen (S.P.L.)      | 9                                    | 20.57            | 106.48                    | 6                          | Yenminh            | 7                                    | 23.07            | 105.08                    | 425                        |
| Haïduong               | 9                                    | 20.57            | 106.20                    | 1                          | Baolac             | 8                                    | 22.57            | 105.41                    | 200                        |
| Haïphong (Gare)        | 20                                   | 20.52            | 106.40                    | 2                          | Pakha              | 7                                    | 22.32            | 104.17                    | 974                        |
| Haïphong (Ciment.)     | 3                                    | 20.52            | 106.40                    | 5                          | Chora              | 21                                   | 22.27            | 105.44                    | 210                        |
| Ninhgiang              | 8                                    | 20.43            | 106.25                    | 1                          | Nadon              | 20                                   | 22.11            | 105.20                    | 50                         |
| Diemdien               | 10                                   | 20.33            | 106.35                    | 3                          | Lucanchau          | 8                                    | 22.06            | 104.44                    | 55                         |
|                        |                                      |                  |                           |                            | Lienson            | 23                                   | 21.26            | 105.31                    | 30                         |
| Backan                 | 21                                   | 22.08            | 105.50                    | 132                        |                    |                                      |                  |                           |                            |
| Chochu                 | 23                                   | 21.55            | 105.38                    | 220                        | Phongtho           | 8                                    | 22.32            | 103.20                    | 325                        |
| Chomoi                 | 20                                   | 21.53            | 105.46                    | 50                         | Thuanchau          | 2                                    | 21.26            | 103.44                    | ?                          |
| Phanmé                 | 12                                   | 21.41            | 105.45                    | 50                         | Dachong            | 5                                    | 21.07            | 105.20                    | ?                          |
| Thainguyen             | 17                                   | 21.36            | 105.52                    | 25                         | Vanyen             | 11                                   | 21.04            | 104.42                    | 50                         |
| Dinhlap                | 8                                    | 21.33            | 107.07                    | 195                        | Mocchau            | 7                                    | 21.03            | 104.20                    | 740                        |
| Causon                 | 9                                    | 21.27            | 106.21                    | 33                         | Chobo              | 8                                    | 20.46            | 105.10                    | 50                         |
| Nghiathuong            | 5                                    | 21.23            | 106.07                    | 10                         |                    |                                      |                  |                           |                            |
| Anchau                 | 8                                    | 21.20            | 106.53                    | 58                         | Xiengkho           | 9                                    | 20.46            | 104.04                    | 300                        |
| Lucnam                 | 8                                    | 21.18            | 106.25                    | 25                         | Muongsone          | 10                                   | 20.27            | 103.19                    | 600                        |
| Phulangthuong (O.I.R.) | 5                                    | 21.16            | 106.12                    | 4                          | Vuban              | 8                                    | 20.26            | 105.28                    | 40                         |
| Phanssonui             | 7                                    | 21.13            | 106.14                    | ?                          | Hoixuan            | 10                                   | 20.22            | 105.07                    | 100                        |
| Bacninh                | 8                                    | 21.12            | 106.03                    | 4                          | Phongy             | 10                                   | 20.12            | 105.29                    | 25                         |
|                        |                                      |                  |                           |                            | Van-du             | 4                                    | 20.08            | 105.45                    | 5                          |
| Vinhien                | 7                                    | 21.18            | 105.36                    | 100                        | Camhoang           | 7                                    | 20.06            | 105.33                    | 15                         |
| Phucyen                | 8                                    | 21.14            | 105.43                    | 17                         | Bimson             | 10                                   | 20.04            | 105.51                    | 3                          |
| Sontay                 | 6                                    | 21.09            | 105.30                    | 11                         | Lachtruong         | 11                                   | 19.57            | 105.57                    | 3                          |
| Thokhe                 | 2                                    | 21.08            | 105.58                    | 5                          |                    |                                      |                  |                           |                            |
| Mykhe                  | 11                                   | 21.07            | 105.25                    | 20                         | Samneua            | 9                                    | 20.28            | 104.03                    | 1000                       |
| Pont du Day            | 3                                    | 21.05            | 105.40                    | 10                         | Muongsoi           | 10                                   | 20.14            | 104.27                    | 600                        |
| Liên mac               | 1                                    | 21.05            | 105.46                    | ?                          | Samteu             | 9                                    | 19.59            | 104.40                    | 300                        |
| Gialam (Gare)          | 26                                   | 21.03            | 105.52                    | 6                          | Phucdia            | 7                                    | 19.58            | 105.30                    | 14                         |
| Hanoi (Voirie)         | 32                                   | 21.02            | 105.51                    | 5                          | Mahum              | 6                                    | 19.55            | 105.28                    | 10                         |
| Bachmai                | 8                                    | 21.02            | 105.51                    | 14                         | Baithuong          | 10                                   | 19.54            | 105.22                    | 17                         |
| Hanoi (O.I.R.)         | 3                                    | 21.02            | 105.51                    | 5                          | Trieutien          | 6                                    | 19.51            | 105.42                    | 4                          |
| Mochen                 | 11                                   | 21.01            | 105.29                    | 20                         | Thohac             | 1                                    | 19.50            | 105.45                    | ?                          |

# Coordonnées géographiques approchées des stations pluviométriques

| STATIONS   | Nombre<br>d'années<br>d'observations | Latitude<br>Nord | Longitude<br>E. Greenwich | Altitude<br>(en<br>mètres) | STATIONS           | Nombre<br>d'années<br>d'observations | Latitude<br>Nord | Longitude<br>E. Greenwich | Altitude<br>(en<br>mètres) |
|------------|--------------------------------------|------------------|---------------------------|----------------------------|--------------------|--------------------------------------|------------------|---------------------------|----------------------------|
| Houamuong  | 9                                    | 20°09'           | 103°41'                   | 400                        | Anlao              | 8                                    | 14°35'           | 108°53'                   | 93                         |
| Kebon      | 11                                   | 19.33            | 105.07                    | 100                        | Phumy              | 2                                    | 14.10            | 109.03                    | 5                          |
| Muong Sen  | 8                                    | 19.25            | 104.09                    | 200                        | Degi               | 12                                   | 14.07            | 109.12                    | 3                          |
| Catmong    | 3                                    | 19.19            | 105.15                    | 75                         | Dinhquang          | 7                                    | 14.03            | 108.48                    | 140                        |
| Cuarao     | 10                                   | 19.17            | 104.35                    | 128                        | Thuanninh          | 2                                    | 14.03            | 108.54                    | 65                         |
| Khekhuong  | 1                                    | 18.57            | 105.17                    | ?                          | Camvan             | 1                                    | 13.56            | 109.06                    | ?                          |
| Dongmy     | 5                                    | 18.55            | 105.28                    | 10                         | Phuphong           | 12                                   | 13.55            | 108.54                    | 23                         |
| Doluong    | 5                                    | 18.54            | 105.18                    | 10                         | Thuthien           | 2                                    | 13.53            | 108.59                    | 20                         |
| Yenvinh    | 1                                    | 18.41            | 105.39                    | ?                          | Rivière Verte      | 9                                    | 13.51            | 108.50                    | 40                         |
| Dotrai     | 7                                    | 18.34            | 105.39                    | 2                          |                    |                                      |                  |                           |                            |
| Trungluong | 2                                    | 18.33            | 105.40                    | 3                          | Cumong             | 12                                   | 13.33            | 109.16                    | 35                         |
| Linhcam    | 3                                    | 18.32            | 105.34                    | 5                          | Mucthinh           | 5                                    | 13.32            | 108.56                    | 98                         |
| Phochau    | 8                                    | 18.30            | 105.25                    | 10                         | Lèuyèn             | 12                                   | 13.29            | 109.14                    | 25                         |
| Camtrang   | 7                                    | 18.28            | 105.33                    | 8                          | Songcau            | 11                                   | 13.28            | 109.13                    | 25                         |
| Chule      | 7                                    | 18.13            | 105.40                    | 10                         | Dôngxuan           | 4                                    | 13.25            | 109.12                    | 4                          |
|            |                                      |                  |                           |                            | Xuanday            | 12                                   | 13.23            | 109.15                    | 25                         |
| Ngocgiap   | 10                                   | 19.38            | 105.47                    | 2                          | Tubong             | 9                                    | 12.47            | 109.18                    | 7                          |
| Yen my     | 5                                    | 19.29            | 105.39                    | 5                          | Honecohé           | 12                                   | 12.35            | 109.14                    | 15                         |
| Dudo       | 11                                   | 19.27            | 105.48                    | 6                          | Lacninh            | 1                                    | 12.34            | 109.11                    | ?                          |
| Phungghia  | 12                                   | 19.07            | 105.43                    | 2                          | Phuoc Lam          | 4                                    | 12.31            | 109.03                    | 15                         |
| Yenly      | 4                                    | 19.06            | 105.35                    | 5                          | Ninhhoa            | 7                                    | 12.30            | 109.08                    | 15                         |
| Thanhson   | 12                                   | 19.05            | 105.40                    | 2                          | Cauda              | 4                                    | 12.14            | 109.13                    | 4                          |
| Vanphan    | 12                                   | 19.03            | 105.36                    | 1                          | Suoigiao           | 23                                   | 12.13            | 109.05                    | 17                         |
| Phudien    | 5                                    | 18.59            | 105.36                    | 2                          | Banghoi-           | 11                                   | 11.54            | 109.09                    | 4                          |
| Thuongxa   | 12                                   | 18.48            | 105.41                    | 1                          |                    |                                      |                  |                           |                            |
| Benthuy    | 11                                   | 18.39            | 105.41                    | 5                          | Ninhchu            | 11                                   | 11.36            | 109.03                    | 1                          |
|            |                                      |                  |                           |                            | Phanrang           | 12                                   | 11.33            | 108.59                    | 5                          |
| Hodo       | 12                                   | 18.28            | 105.55                    | 2                          | Truong sanh        | 4                                    | 11.33            | 108.56                    | 5                          |
| Canloc     | 2                                    | 18.27            | 105.47                    | 3                          | Cana               | 6                                    | 11.21            | 108.53                    | 2                          |
| Hatinh     | 10                                   | 18.21            | 105.55                    | 3                          | Duong              | 12                                   | 11.11            | 108.37                    | 10                         |
| Giahoi     | 7                                    | 18.16            | 106.00                    | 3                          | Phanri-            | 12                                   | 11.11            | 108.33                    | 3                          |
| Tientri    | 12                                   | 18.16            | 106.07                    | 3                          |                    |                                      |                  |                           |                            |
| Thinhthinh | 6                                    | 18.12            | 105.53                    | 50                         | Muiné              | 12                                   | 10.55            | 108.17                    | 16                         |
| Kego       | 7                                    | 18.12            | 105.56                    | 15                         | Trinhthuog         | 11                                   | 10.45            | 107.52                    | 5                          |
| Tudung     | 7                                    | 18.12            | 106.08                    | 11                         | Courtenay          | 12                                   | 10.44            | 107.13                    | 5                          |
| Raobuoi    | 6                                    | 18.06            | 106.00                    | 22                         | Cubi               | 2                                    | 10.44            | 107.12                    | 5                          |
| Kyanh      | 12                                   | 18.05            | 106.18                    | 5                          | Xabang             | 5                                    | 10.43            | 107.16                    | 5                          |
|            |                                      |                  |                           |                            | Lagi               | 12                                   | 10.43            | 107.51                    | 7                          |
| Latrong    | 8                                    | 17.53            | 105.48                    | 190                        | Xuanson            | 9                                    | 10.42            | 107.21                    | 5                          |
| Quangkhe   | 12                                   | 17.41            | 106.30                    | 16                         | Binhba             | 13                                   | 10.39            | 107.12                    | 81                         |
| Lethuy     | 9                                    | 17.13            | 106.52                    | 2                          | Lason              | 8                                    | 10.37            | 107.16                    | 5                          |
| Cuatung    | 12                                   | 17.01            | 107.07                    | 1                          | Baria              | 24                                   | 10.30            | 107.10                    | 4                          |
| Kimlong    | 11                                   | 16.43            | 107.20                    | 3                          | Comay              | 12                                   | 10.26            | 107.10                    | 3                          |
| Thualuu    | 9                                    | 16.17            | 108.02                    | 9                          | Phuochai           | 10                                   | 10.25            | 107.17                    | 5                          |
|            |                                      |                  |                           |                            |                    |                                      |                  |                           |                            |
| Bana       | 3                                    | 16.00            | 107.58                    | 1476                       | Konplong           | 7                                    | 14.38            | 108.23                    | 450                        |
| Quagiang   | 2                                    | 15.57            | 108.12                    | 4                          | Pleiku (S. P. Ad.) | 6                                    | 14.01            | 107.56                    | 762                        |
| Faifoo     | 24                                   | 15.52            | 108.19                    | 6                          | Graigelong         | 11                                   | 14.00            | 107.53                    | 612                        |
| Hiephoa    | 12                                   | 15.29            | 108.40                    | 5                          | Jacquemart         | 7                                    | 14.00            | 107.55                    | 758                        |
| Ducphu     | 12                                   | 15.28            | 108.25                    | 32                         | Yacham             | 7                                    | 13.58            | 107.42                    | 458                        |
| Sontra     | 12                                   | 15.23            | 108.46                    | 5                          | Allard             | 8                                    | 13.57            | 107.56                    | 829                        |
| Tramy      | 11                                   | 15.20            | 108.13                    | 100                        | Yarinh             | 7                                    | 13.50            | 107.59                    | 720                        |
| Phunhon    | 1                                    | 15.10            | 108.46                    | ?                          |                    |                                      |                  |                           |                            |
| Coluy      | 12                                   | 15.08            | 108.53                    | 2                          | Dakjoppau          | 11                                   | 13.57            | 108.38                    | 460                        |
| Gilang     | 2                                    | 15.02            | 108.27                    | ?                          | Cheoreo            | 8                                    | 13.25            | 108.26                    | 150                        |
| Bato       | 8                                    | 14.46            | 108.44                    | 59                         | Phongnien          | 4                                    | 13.03            | 109.14                    | 8                          |
| Giavut     | 2                                    | 14.43            | 108.33                    | ?                          | Muong Drack        | 8                                    | 12.42            | 108.46                    | 500                        |
| Sahuyinh   | 12                                   | 14.39            | 109.04                    | 5                          |                    |                                      |                  |                           |                            |
|            |                                      |                  |                           |                            | Eayong             | 11                                   | 12.41            | 108.13                    | 580                        |

# Coordonnées géographiques approchées des stations pluviométriques

| STATIONS                      | Nombre<br>d'années<br>d'observations | Latitude<br>Nord | Longitude<br>E. Greenwich | Altitude<br>(en<br>mètres) | STATIONS         | Nombre<br>d'années<br>d'observations | Latitude<br>Nord | Longitude<br>E. Greenwich | Altitude<br>(en<br>mètres) |
|-------------------------------|--------------------------------------|------------------|---------------------------|----------------------------|------------------|--------------------------------------|------------------|---------------------------|----------------------------|
| Eanoët                        | 7                                    | 12°41'           | 108°12'                   | 580                        | Hiepthan         | 10                                   | 11°08'           | 106°18'                   | 3                          |
| Banmethuôt                    | 8                                    | 12.36            | 108.05                    | 461                        | Kouktrap         | 2                                    | 11.06            | 105.38                    | 6                          |
| Buonjengdrom                  | 5                                    | 12.36            | 107.35                    | 337                        | Chipou           | 6                                    | 11.02            | 106.00                    | 5                          |
| Poste Maître                  | 5                                    | 12.14            | 107.32                    | 950                        | Socnoc           | 19                                   | 10.59            | 106.08                    | 5                          |
| Dankia                        | 8                                    | 12.01            | 108.25                    | 1460                       | Hiephoa          | 13                                   | 10.55            | 106.20                    | 2                          |
| Arbre broyé                   | 7                                    | 11.52            | 108.30                    | 1500                       | Thuthua          | 5                                    | 10.37            | 106.24                    | 2                          |
| Dongdor                       | 8                                    | 11.35            | 108.12                    | 955                        | Tanan            | 32                                   | 10.32            | 106.25                    | 2                          |
| Bobla                         | 8                                    | 11.33            | 108.02                    | 954                        | Chaudoc          | 29                                   | 10.42            | 105.07                    | 6                          |
| Djiramour                     | 6                                    | 11.30            | 107.57                    | 800                        | Chomoi           | 23                                   | 10.32            | 105.24                    | 5                          |
| Buprang                       | 2                                    | 12.12            | 107.18                    | 850                        | Thapmuoi         | 10                                   | 10.32            | 105.54                    | 5                          |
| Djamap                        | 2                                    | 12.04            | 107.10                    | 375                        | Caolanh          | 2                                    | 10.28            | 105.38                    | 2                          |
| Budop (S.P.L.)                | 9                                    | 12.01            | 106.48                    | 153                        | Triton           | 8                                    | 10.25            | 105.00                    | 6                          |
| Budop (S.P.Ad.)               | 8                                    | 12.00            | 106.48                    | 153                        | Longxuyen        | 25                                   | 10.24            | 105.25                    | 3                          |
| Buyamphut                     | 5                                    | 11.57            | 107.00                    | 250                        | Mytho            | 27                                   | 10.21            | 106.22                    | 2                          |
| Dakkir                        | 8                                    | 11.56            | 106.52                    | 150                        | Gocong (S.P.Ad.) | 29                                   | 10.21            | 106.40                    | 1                          |
| Boulat                        | 5                                    | 11.55            | 107.25                    | 800                        | Gocong (O.I.R.)  | 7                                    | 10.21            | 106.40                    | 1                          |
| Nui Bara                      | 6                                    | 11.48            | 106.58                    | 230                        | Kimson           | 2                                    | 10.20            | 106.15                    | 2                          |
| Phurieng                      | 8                                    | 11.40            | 106.52                    | 175                        | Sadec            | 32                                   | 10.18            | 105.45                    | 2                          |
| Honquan                       | 23                                   | 11.38            | 106.36                    | 123                        | Vinhlong         | 27                                   | 10.15            | 105.58                    | 2                          |
| Bunard                        | 6                                    | 11.38            | 107.14                    | 360                        | Bentre           | 25                                   | 10.15            | 106.23                    | 3                          |
| Quanloi                       | 11                                   | 11.37            | 106.38                    | 150                        | Mocay            | 2                                    | 10.08            | 106.21                    | 3                          |
| Xacat                         | 14                                   | 11.35            | 106.37                    | 180                        | Omon             | 5                                    | 10.07            | 105.37                    | 3                          |
| Chonthanb                     | 7                                    | 11.25            | 106.37                    | 50                         | Batri            | 2                                    | 10.03            | 106.35                    | ?                          |
| Tanloi                        | 7                                    | 11.08            | 106.50                    | 34                         | Cantho (S.P.)    | 2                                    | 10.02            | 105.47                    | 3                          |
| Bennom                        | 11                                   | 11.05            | 107.05                    | 50                         | Travinh          | 32                                   | 09.56            | 106.20                    | 4                          |
| Binhloc                       | 10                                   | 11.01            | 107.11                    | 180                        | Rachgoi          | 6                                    | 09.55            | 105.43                    | 3                          |
| Anvieng                       | 10                                   | 10.57            | 107.11                    | 189                        | Daloc            | 5                                    | 09.50            | 106.22                    | 4                          |
| Bienhoa                       | 32                                   | 10.57            | 106.49                    | 3                          | Soctrang         | 28                                   | 09.36            | 105.58                    | 4                          |
| Trangbom (S.P.)               | 11                                   | 10.57            | 107.00                    | 60                         | Baixa            | 2                                    | 09.33            | 105.59                    | 4                          |
| Bauca                         | 6                                    | 10.56            | 107.04                    | 125                        | Goquao           | 7                                    | 09.44            | 105.16                    | 2                          |
| Daugiay                       | 19                                   | 10.56            | 107.08                    | 150                        | Longmy           | 8                                    | 09.41            | 105.35                    | 5                          |
| Anloc                         | 24                                   | 10.56            | 107.10                    | 189                        | Phuoc-long       | 8                                    | 09.27            | 105.27                    | 5                          |
| Tuotrung                      | 10                                   | 10.54            | 107.11                    | 110                        | Thoibinh         | 7                                    | 09.25            | 105.02                    | 15                         |
| Songray                       | 7                                    | 10.52            | 107.22                    | 85                         | Tanphu           | 7                                    | 09.24            | 105.14                    | 1                          |
| Camtiem                       | 13                                   | 10.51            | 107.10                    | 186                        | Bachieu          | 30                                   | 09.17            | 105.43                    | 4                          |
| Longthanb (B. I.)             | 4                                    | 10.47            | 106.57                    | 5                          | Camau            | 8                                    | 09.10            | 105.10                    | 5                          |
| Longthanb (T. R.)             | 2                                    | 10.47            | 106.57                    | 5                          | Namcan           | 7                                    | 08.47            | 105.00                    | 5                          |
| Locninh (6 <sup>e</sup> div.) | 15                                   | 11.51            | 106.37                    | 150                        | Chumnéap         | 7                                    | 11.36            | 103.36                    | ?                          |
| Locninh (2 <sup>e</sup> div.) | 27                                   | 11.49            | 106.35                    | 150                        | Snamcrabeu       | 11                                   | 11.33            | 102.59                    | 1                          |
| Xacam                         | 10                                   | 11.41            | 106.35                    | 110                        | Chiphatt         | 2                                    | 11.13            | 103.32                    | 5                          |
| Xatrach                       | 11                                   | 11.35            | 106.36                    | 180                        | Sreumbell        | 8                                    | 11.08            | 103.43                    | 1                          |
| Minhthanb                     | 9                                    | 11.34            | 106.33                    | 54                         | Chéko            | 11                                   | 10.55            | 103.43                    | 1                          |
| Bencui                        | 12                                   | 11.19            | 106.18                    | 15                         | Val d'Emeraude   | 17                                   | 10.38            | 104.05                    | 950                        |
| Vinhcu                        | 6                                    | 10.59            | 106.30                    | 15                         | Preynop          | 6                                    | 10.37            | 103.47                    | 0                          |
| Thudaumot                     | 25                                   | 10.59            | 106.39                    | 4                          | Bockor           | 17                                   | 10.36            | 104.03                    | 1050                       |
| Giadinb                       | 32                                   | 10.48            | 106.42                    | 5                          | Kompongtrach     | 22                                   | 10.33            | 104.28                    | 4                          |
| Phumy                         | 24                                   | 10.48            | 106.42                    | 1                          | Kep              | 9                                    | 10.29            | 104.20                    | 2                          |
| Cholon                        | 32                                   | 10.44            | 106.38                    | 3                          | Ream             | 12                                   | 10.28            | 103.38                    | 1                          |
| Logo                          | 7                                    | 11.33            | 105.53                    | 10                         | Nuitrau          | 7                                    | 10.22            | 104.30                    | 5                          |
| Kompongtrach                  | 11                                   | 11.28            | 105.45                    | 4                          | Duongdong        | 12                                   | 10.13            | 103.58                    | 2                          |
| Péammétre                     | 3                                    | 11.25            | 105.53                    | 5                          | Honchong         | 8                                    | 10.09            | 104.37                    | 5                          |
| Xomvinh                       | 5                                    | 11.23            | 105.58                    | 20                         | Socxoay          | 7                                    | 10.09            | 104.59                    | 2                          |
| Tayninh                       | 25                                   | 11.18            | 106.05                    | 5                          | Caycay           | 5                                    | 10.04            | 104.01                    | 20                         |
| Benkeo                        | 7                                    | 11.15            | 106.04                    | 3                          | Caydua           | 12                                   | 10.02            | 104.01                    | 4                          |
|                               |                                      |                  |                           |                            | Rachgia          | 30                                   | 10.00            | 105.05                    | 3                          |

# Coordonnées géographiques approchées des stations pluviométriques

| STATIONS            | Nombre<br>d'années<br>d'observations | Latitude<br>Nord | Longitude<br>E. Greenwich | Altitude<br>(en<br>mètres) | STATIONS          | Nombre<br>d'années<br>d'observations | Latitude<br>Nord | Longitude<br>E. Greenwich | Altitude<br>(en<br>mètres) |
|---------------------|--------------------------------------|------------------|---------------------------|----------------------------|-------------------|--------------------------------------|------------------|---------------------------|----------------------------|
| Chéomksan           | 20                                   | 14°14'           | 104°55'                   | 100                        | Stungtrang        | 22                                   | 12°15'           | 105°31'                   | 22                         |
| Samrong             | 13                                   | 14.13            | 103.33                    | 22                         | Snoul             | 8                                    | 12.07            | 106.27                    | 150                        |
| Svaichek            | 10                                   | 13.51            | 102.56                    | 15                         | Thmarpitt         | 18                                   | 12.03            | 105.35                    | ?                          |
| Phnomsrok           | 9                                    | 13.45            | 103.18                    | 18                         | Skoun             | 12                                   | 12.03            | 105.04                    | 14                         |
| Mongkolborey        | 4                                    | 13.33            | 103.03                    | 15                         | Chup-             | 11                                   | 11.56            | 105.33                    | 21                         |
| Kralanh             | 17                                   | 13.33            | 103.23                    | 17                         | Suong             | 22                                   | 11.54            | 105.38                    | 19                         |
| Barai d'Angkor      | 4                                    | 13.25            | 103.51                    | 20                         | Péamchéang        | 14                                   | 11.52            | 105.32                    | ?                          |
| Toulsamrong         | 7                                    | 13.23            | 103.03                    | 20                         | Chalang           | 7                                    | 11.52            | 106.15                    | 210                        |
| Bacpréa             | 10                                   | 13.18            | 103.24                    | 13                         | Preckchlong       | 7                                    | 11.52            | 106.15                    | 210                        |
| Battambang(Gare)    | 4                                    | 13.11            | 103.12                    | 16                         | Mimot (S.P.Ad.) - | 8                                    | 11.51            | 106.18                    | 212                        |
| Battambang (O.I.R.) | 3                                    | 13.11            | 103.12                    | 16                         | Mimot (S.P.L.) -  | 9                                    | 11.50            | 106.18                    | 212                        |
| Kompongleang        | 22                                   | 13.06            | 104.07                    | 10                         | Kantroy           | 7                                    | 11.49            | 106.18                    | 210                        |
| Staung              | 21                                   | 12.57            | 104.33                    | 12                         |                   |                                      |                  |                           |                            |
| Réangkései          | 2                                    | 12.55            | 103.14                    | 15                         | Khamkeut          | 10                                   | 18.15            | 104.43                    | 418                        |
| Pailin              | 21                                   | 12.49            | 102.37                    | 170                        | Pakhinboun        | 6                                    | 17.35            | 104.37                    | 150                        |
| Muong Russey        | 8                                    | 12.47            | 103.25                    | 17                         | Mahaxay           | 9                                    | 17.24            | 105.12                    | 147                        |
| Pursat (Gare)       | 4                                    | 12.33            | 103.51                    | 18                         | Tchépone          | 15                                   | 16.41            | 106.14                    | 185                        |
| Krakor              | 9                                    | 12.32            | 104.11                    | 5                          | Khesanh           | 7                                    | 16.38            | 106.50                    | 367                        |
| Ponley              | 8                                    | 12.27            | 104.24                    | 11                         | Laobao            | 10                                   | 16.36            | 106.37                    | 203                        |
| Barai               | 22                                   | 12.23            | 105.04                    | 12                         | Muong Phine       | 10                                   | 16.32            | 106.02                    | 175                        |
| Speu                | 8                                    | 12.20            | 105.20                    | 42                         | Kengkok           | 10                                   | 16.27            | 105.12                    | 135                        |
| Chamcar Andong      | 9                                    | 12.20            | 105.11                    | 86                         | Bantampril        | 2                                    | 15.57            | 107.00                    | ?                          |
| Bamnak              | 5                                    | 12.20            | 104.10                    | 10                         | Saravane          | 10                                   | 15.43            | 106.25                    | 131                        |
| Kompongbang         | 9                                    | 12.16            | 104.43                    | 5                          | Khamtongiai       | 10                                   | 15.34            | 105.45                    | 200                        |
| Sdokachroméas       | 5                                    | 12.04            | 104.32                    | 10                         | Laongam           | 8                                    | 15.33            | 106.15                    | 150                        |
| Tangphloch          | 10                                   | 12.00            | 104.22                    | 5                          | Thateng           | 6                                    | 15.31            | 106.21                    | 781                        |
| Kompongtralach      | 22                                   | 11.55            | 104.45                    | 10                         | Souvannakhili     | 9                                    | 15.25            | 105.48                    | 95                         |
| Tbengkpos           | 5                                    | 11.50            | 104.38                    | 10                         | Nongmet           | 2                                    | 15.17            | 106.32                    | ?                          |
|                     |                                      |                  |                           |                            | Bassac            | 10                                   | 14.54            | 105.51                    | 95                         |
| Rocakong            | 10                                   | 11.50            | 104.59                    | 13                         | Attopeu           | 20                                   | 14.54            | 106.53                    | 108                        |
| Snaipól             | 10                                   | 11.40            | 105.12                    | 8                          | Fiafay            | 9                                    | 14.47            | 105.55                    | 95                         |
| Tukkléang           | 22                                   | 11.30            | 105.08                    | 10                         | Siempa            | 10                                   | 14.08            | 106.20                    | 220                        |
| Preyveng            | 22                                   | 11.29            | 105.19                    | 5                          | Khong             | 12                                   | 14.06            | 105.51                    | 95                         |
| Kompongspcu         | 22                                   | 11.26            | 104.32                    | 31                         | Veunesai          | 22                                   | 14.00            | 106.46                    | 220                        |
| Kompongakantuot     | 10                                   | 11.25            | 104.49                    | 10                         |                   |                                      |                  |                           |                            |
| Banam               | 10                                   | 11.18            | 105.17                    | 5                          | Muong Houneua     | 8                                    | 22.17            | 101.50                    | 800                        |
| Chambak-            | 8                                    | 11.14            | 104.48                    | 5                          | Phongsaly         | 17                                   | 21.42            | 102.05                    | 1500                       |
| Kasthom             | 21                                   | 11.10            | 105.04                    | 5                          | Bouneua           | 8                                    | 21.37            | 101.54                    | 923                        |
| Kompongtrabec-      | 20                                   | 11.08            | 105.28                    | 6                          | Bountay           | 8                                    | 21.23            | 101.59                    | 530                        |
| Leudek              | 12                                   | 11.07            | 105.08                    | 10                         | Dienbienphu       | 8                                    | 21.19            | 103.01                    | 550                        |
| Chhuk               | 8                                    | 11.07            | 104.37                    | 20                         | Muong Sing        | 9                                    | 21.06            | 101.09                    | 800                        |
| Angtassom-          | 6                                    | 11.00            | 104.41                    | 12                         | Muongkhoua        | 7                                    | 21.05            | 102.30                    | 360                        |
| Takéo               | 26                                   | 11.00            | 104.46                    | 5                          | Muong Luongnamtha | 8                                    | 21.02            | 101.25                    | 700                        |
| Benghi              | 10                                   | 10.58            | 105.03                    | 6                          | Vienpoukha        | 8                                    | 20.45            | 101.04                    | 400                        |
| Tramkok-            | 6                                    | 10.57            | 104.38                    | 24                         | Muongsai          | 7                                    | 20.43            | 101.59                    | 600                        |
| Kasko-              | 19                                   | 10.53            | 105.18                    | 5                          | Muongngoi         | 9                                    | 20.42            | 102.42                    | 500                        |
| Tani-               | 8                                    | 10.47            | 104.41                    | 20                         | Banhueisai        | 25                                   | 20.15            | 100.25                    | 300                        |
| Chrospok            | 6                                    | 10.45            | 104.39                    | 20                         | Thathom           | 8                                    | 19.00            | 103.47                    | 238                        |
| Sréchéa             | 4                                    | 10.41            | 104.24                    | 5                          | Muongkham         | 8                                    | 18.55            | 103.44                    | 550                        |
| Kirivong            | 21                                   | 10.41            | 104.53                    | 7                          | Muong Vanvieng    | 9                                    | 18.53            | 102.27                    | 500                        |
| Sambor              | 20                                   | 12.46            | 105.58                    | 29                         | Borikhane         | 8                                    | 18.33            | 103.40                    | 163                        |
| Prekkak             | 12                                   | 12.18            | 105.33                    | 22                         | Tourakhom         | 7                                    | 18.27            | 102.31                    | 400                        |
| Chamcarlœu          | 7                                    | 12.18            | 105.20                    | 116                        | Paklay            | 9                                    | 18.12            | 101.24                    | 300                        |
| Gatille             | 5                                    | 12.17            | 107.02                    | 450                        |                   |                                      |                  |                           |                            |
| Chhloug             | 8                                    | 12.16            | 105.58                    | 20                         |                   |                                      |                  |                           |                            |



IMPRIMERIE NGO-TU-HA  
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# BULLETIN MENSUEL DES OBSERVATIONS

publié sous la direction de

B. GUILMET, Chef du Service Météorologique p. i.

## Mois de Janvier 1938

### Evolution du temps en Indochine pendant le mois de Janvier

*Le 1er.*— Légère incursion de l'anticyclone sino-mongole sur le Nord-Est de la Péninsule où des condensations sous forme de brouillards à crachin s'observent. Régime de mousson de Nord-Est affaibli.

*Le 2.*— Recul des hautes pressions sur toute la partie Sud-Ouest de la Chine avec incursion sur le Tonkin de la dépression stable du Siam Laos. Beau temps sur tout le pays avec brouillards matinaux et relèvement assez marqué de la température sur le Nord.

*Du 3 au 9.*— L'anticyclone sino-mongole envahit l'Indochine où des masses d'air froid continental y déferlent en deux vagues puissantes. Régime de mousson de Nord-Est fraîche à forte avec du 3 au 6 quelques faibles pluies sur le Tonkin et le Nord-Annam et du 5 au 9 de fortes précipitations sur le Centre Annam alors que le reste du pays à l'abri de la Chaîne Annamitique reste généralement beau. Abaissement marqué de la température sur le Tonkin et l'Annam au Nord de Tourane.

*Du 10 au 17.*— Pendant toute cette période l'Indochine reste en bordure de l'anticyclone sino-mongole. Le régime de mousson de Nord-Est s'atténue rapidement avec réchauffement progressif de l'air sur le littoral au Nord de Tourane et sur le Tonkin où le ciel se dégage plus ou moins complètement, tandis qu'entre Tourane et Padaran les vents de Nord-Est, humides et relativement froids, restent modérés et provoquent des condensations à crachin. Beau temps sur le reste du pays.

*Du 18 au 20.*— Une aire dépressionnaire sur le Sud de la Chine soustrait l'Indochine à l'action des hautes pressions sino-mongoles, et la place momentanément sous l'influence de l'anticyclone du Pacifique. Régime faiblement dépressionnaire sur l'ensemble du pays, avec vents du quadrant Est faibles, ciel généralement nuageux à beau sauf quelques condensations sous forme de brouillards à crachin sur le Golfe du Tonkin.

*Du 21 au 26.*— L'Indochine est touchée dans sa partie Nord par l'anticyclone sino-mongole qui déferle sur l'Est de la Chine. Les masses d'air froid continental se mélangent à l'air maritime antérieur et donnent avec un abaissement assez marqué de la température des précipitations généralement faibles et des brouillards à crachin sur le Tonkin et le littoral du Nord et Centre Annam.

*Le 24 et le 25.*— Un courant de perturbation qui apparaît sur le Centre de la Chine ralentit l'invasion d'air froid, relève la température et accentue encore la tendance au crachin sur le Golfe du Tonkin.

*Du 27 au 31.*— Affaiblissement progressif de l'anticyclone sino-mongole L'Indochine sans être entièrement soustraite à son action n'est plus soumise qu'à un régime de mousson d'hiver très atténuée. Tendance au crachin avec relèvement progressif de la température sur le Tonkin et le littoral au Nord de Tourane. Beau temps sur le reste du pays.

# RÉSUMÉ DES OBSERVATIONS

## de Pression, Température, Humidité, Tension de vapeur et Insolation

Mois de Janvier 1938

| STATIONS           | Pression atmosphérique |                  | TEMPÉRATURE DE L'AIR |      |      |                  |        |      |       | Humidité relative |       |      | Tension de la vapeur d'eau | Insolation ☉<br>Durée Moy. diurne |
|--------------------|------------------------|------------------|----------------------|------|------|------------------|--------|------|-------|-------------------|-------|------|----------------------------|-----------------------------------|
|                    | moyennes au            |                  | moyennes             |      |      | Valeurs absolues |        |      |       | moyennes          |       |      |                            |                                   |
|                    | niveau de la station   | niveau de la mer |                      |      |      | Max.             | dat    | Min. | dat   |                   |       |      |                            |                                   |
|                    | P                      | P <sub>0</sub>   | T                    | Max. | Min. |                  |        |      |       | U                 | Max.  | Min. |                            |                                   |
|                    | mb.                    | mb.              | °c                   | °c   | °c   | °c               |        | °c   |       | %                 | %     | %    | mb.                        | h et h/10                         |
| Yunnan             |                        |                  |                      |      |      |                  |        |      |       |                   |       |      |                            |                                   |
| Yunnanfou          | 812,6                  | —                | 10,2                 | 18,0 | 3,4  | 21,8             | 2,26   | —1,3 | 14    | 65,5              | 92,3  | 37,4 | 8,1                        |                                   |
| Kouangtchéouwan    |                        |                  |                      |      |      |                  |        |      |       |                   |       |      |                            |                                   |
| Fort-Bayard        | 1019,6                 | 1021,2           | 16,1                 | 19,1 | 13,8 | 24,6             | 26     | 7,6  | 10    | 87,0              | 95,5  | 73,7 | 16,2                       | »                                 |
| Tonkin             |                        |                  |                      |      |      |                  |        |      |       |                   |       |      |                            |                                   |
| Ha-giang           |                        |                  | 16,4                 | 20,2 | 13,6 | 27,2             | 20     | 9,8  | 9     | 83,7              | 90,8  | 62,6 | 15,6                       |                                   |
| Trungkhanphu       |                        |                  | 13,3                 | 17,6 | 9,7  | 28,4             | 20     | 0,7  | 10    | 78,7              | 92,6  | 61,8 | 12,0                       |                                   |
| Lao-kay            | 1008,6                 | 1019,9           | 17,1                 | 21,3 | 14,4 | 27,7             | 31     | 7,8  | 10    | 86,1              | 98,1  | 59,1 | 17,1                       |                                   |
| Bao-ha             | 1011,6                 | 1021,1           | 16,9                 | 20,9 | 14,4 | 28,7             | 20     | 7,3  | 10    | 86,2              | 97,0  | 65,0 | 16,8                       | 2,0                               |
| Lai-chau           |                        |                  | 18,9                 | 26,1 | 14,3 | 34,3             | 31     | 12,0 | 15    | 84,8              | 98,7  | 55,6 | 18,4                       |                                   |
| Lang-son           | 991,4                  | 1022,2           | 14,7                 | 18,9 | 11,2 | 28,7             | 20     | 2,8  | 11    | 79,2              | 91,7  | 64,3 | 13,8                       |                                   |
| Tuyen-quang        |                        |                  | 17,4                 | 20,7 | 14,7 | 28,0             | 20     | 8,8  | 9,10  | 85,5              | 97,2  | 65,4 | 16,9                       |                                   |
| Moncay             | 1019,1                 | 1020,3           | 15,7                 | 18,7 | 13,1 | 26,2             | 20     | 5,2  | 10    | 81,9              | 92,3  | 68,7 | 15,0                       | 2,0                               |
| Thanhba            |                        |                  | 17,7                 | 20,3 | 15,5 | 27,3             | 3      | 9,7  | 10    | 83,0              | 95,3  | 66,8 | 16,8                       |                                   |
| Phu-hô             |                        |                  | 16,9                 | 20,2 | 14,3 | 27,0             | 19     | 8,3  | 10    | 85,9              | 96,8  | 68,5 | 16,9                       | 2,1                               |
| Tam-dao            |                        |                  | 10,9                 | 13,6 | 8,7  | 21,3             | 19     | 2,3  | 7,9   | 94,7              | 98,2  | 86,8 | 12,4                       |                                   |
| Son-la             |                        |                  | 14,2                 | 19,6 | 9,9  | 26,5             | 28     | 5,0  | 22,23 | 94,7              | 100,0 | 74,8 | 15,6                       |                                   |
| Phulangthuong      |                        |                  | 17,1                 | 21,2 | 13,7 | 28,4             | 3      | 5,4  | 10    | 79,7              | 93,5  | 62,6 | 5,5                        |                                   |
| La-pho             |                        |                  | 17,5                 | 21,2 | 14,3 | 29,1             | 29     | 6,6  | 10    | 80,0              | 94,8  | 59,1 | 15,9                       |                                   |
| Gia-lâm (Aéroport) | 1018,6                 | 1019,8           | 17,4                 | 21,2 | 14,1 | 28,7             | 3      | 8,0  | 9,10  | 81,7              | 96,3  | 60,7 | 16,8                       | 1,9                               |
| Hoa-lac            |                        |                  | 19,7                 | 22,7 | 14,9 | 32,1             | 29     | 6,5  | 10    | —                 | —     | —    | —                          |                                   |
| Phu-liên           | 1005,7                 | 1019,4           | 17,2                 | 20,9 | 14,7 | 27,8             | 20     | 8,0  | 10    | 83,8              | 94,4  | 69,1 | 16,7                       | 2,1                               |
| Hoa-binh           |                        |                  | 17,7                 | 21,6 | 14,5 | 30,9             | 19     | 7,0  | 10    | 81,8              | 96,3  | 58,4 | 16,8                       |                                   |
| Nam-dinh           | 1018,8                 | 1019,6           | 18,0                 | 21,3 | 15,3 | 28,3             | 3      | 8,7  | 10    | 84,1              | 95,6  | 66,6 | 17,7                       |                                   |
| Phat-diêm          |                        |                  | 17,3                 | 20,7 | 15,2 | 26,9             | 3      | 8,3  | 10    | 88,8              | 96,5  | 75,9 | 17,5                       |                                   |
| Annam              |                        |                  |                      |      |      |                  |        |      |       |                   |       |      |                            |                                   |
| Thanh-hoa          | 1018,0                 | 1018,7           | 18,1                 | 21,2 | 15,9 | 27,6             | 3      | 8,8  | 10    | 85,5              | 96,8  | 70,0 | 18,2                       | 2,0                               |
| Nhu-xuân           |                        |                  |                      |      |      |                  |        |      |       |                   |       |      |                            |                                   |
| Phu-qui            |                        |                  | 15,9                 | 19,6 | 13,0 | 29,8             | 29     | 4,1  | 10    | 86,6              | 97,6  | 67,8 | 15,7                       |                                   |
| Vinh               | 1018,5                 | 1019,3           | 18,5                 | 20,8 | 16,7 | 27,2             | 3      | 10,0 | 9     | 87,2              | 95,0  | 75,7 | 18,9                       | 0,5                               |
| Voi-bo             |                        |                  | 18,8                 | 21,8 | 16,6 | 29,4             | 19     | 10,7 | 9     | —                 | —     | —    | —                          |                                   |
| Dong-hoi           | 1017,6                 | 1018,4           | 19,8                 | 22,8 | 17,5 | 28,0             | 4      | 11,3 | 9     | 89,6              | 96,5  | 78,8 | 21,0                       | 0,9                               |
| Quangtri           | 1016,5                 | 1017,3           | 20,1                 | 22,4 | 18,3 | 28,0             | 2,4,20 | 13,0 | 9     | 93,3              | 98,7  | 81,3 | 22,1                       |                                   |
| Hue                | 1017,2                 | 1017,9           | 20,2                 | 23,1 | 17,9 | 30,0             | 2      | 12,4 | 10    | 94,6              | 97,6  | 87,3 | 22,5                       | 1,9                               |
| Tientcha           | 998,3                  | 1016,3           | 20,8                 | 23,0 | 19,2 | 26,8             | 20     | 16,0 | 9     | 90,1              | 95,5  | 78,3 | 22,0                       |                                   |
| Tourane            | 1016,5                 | 1016,8           | 21,9                 | 24,9 | 19,9 | 30,0             | 1      | 17,4 | 10    | 86,0              | 95,1  | 72,4 | 22,5                       |                                   |
| Quangngai          | 1016,9                 | 1017,7           | 22,2                 | 25,5 | 19,8 | 29,7             | 20     | 18,0 | 2     | 88,4              | 97,2  | 73,0 | 23,5                       |                                   |
| Bong-son           |                        |                  | 22,7                 | 26,3 | 19,9 | 29,4             | 20     | 17,5 | 2     | 80,3              | 94,6  | 58,0 | 21,6                       | 3,2                               |
| Kontum             |                        |                  | 20,7                 | 28,2 | 14,6 | 34,0             | 31     | 9,5  | 14    | 70,0              | 91,6  | 43,5 | 16,9                       |                                   |
| Dakdo              |                        |                  | 18,8                 | 25,4 | 12,2 | —                | —      | —    | —     | —                 | —     | —    | —                          | 6,3                               |
| Pleiku             |                        |                  | —                    | —    | —    | —                | —      | —    | —     | —                 | —     | —    | —                          | 7,1                               |
| Yapuch             |                        |                  | 20,8                 | 28,3 | 15,6 | 31,1             | 1      | 13,0 | 12,13 | 89,1              | 99,6  | 67,2 | 21,7                       | 7,9                               |
| Qui-nhon           | 1015,2                 | 1015,9           | 23,5                 | 26,2 | 21,4 | 29,4             | 31     | 19,2 | 2     | 82,5              | 91,8  | 68,2 | 23,6                       | 3,2                               |
| Tuy-hoa            |                        |                  | 23,6                 | 26,3 | 21,5 | 28,2             | 31     | 19,2 | 4     | 82,9              | 93,6  | 69,2 | 23,9                       |                                   |
| Thach-ban          |                        |                  | 23,7                 | 27,4 | 21,6 | 30,6             | 20     | 18,0 | 4     | 83,4              | 93,8  | 67,8 | 24,2                       | 1,1                               |
| Banmethuot         |                        |                  | 21,6                 | 27,0 | 17,6 | 33,2             | 30     | 12,4 | 9     | 78,6              | 94,0  | 54,0 | 20,2                       |                                   |
| Nha-trang          | 1013,7                 | 1014,1           | 24,4                 | 28,3 | 21,1 | 30,4             | 28     | 18,2 | 2     | 79,3              | 96,7  | 57,6 | 23,9                       | 5,3                               |
| Dalat              |                        |                  | 16,3                 | 23,9 | 10,3 | 28,8             | 31     | 6,6  | 5     | 83,3              | 99,8  | 55,3 | 15,3                       |                                   |

## RÉSUMÉ DES OBSERVATIONS

de Pression, Température, Humidité, Tension de vapeur et Insolation

Mois de Janvier 1938

| STATIONS            | Pression atmosphérique |                  | TEMPÉRATURE DE L'AIR |      |      |                  |       |      |         |          | Humidité relative |      |      | Tension de la vapeur d'eau | Insolation<br>☉ |
|---------------------|------------------------|------------------|----------------------|------|------|------------------|-------|------|---------|----------|-------------------|------|------|----------------------------|-----------------|
|                     | moyennes au            |                  | moyennes             |      |      | Valeurs absolues |       |      |         | moyennes |                   |      |      |                            |                 |
|                     | niveau de la station   | niveau de la mer |                      |      |      | Max.             | dat   | Min. | dat     |          |                   |      |      |                            |                 |
|                     | P                      | P <sub>0</sub>   | T                    | Max. | Min. |                  |       |      |         | U        | Max.              | Min. |      |                            |                 |
|                     | mb.                    | mb.              | °c                   | °c   | °c   | °c               |       | °c   |         | ‰        | ‰                 | ‰    | mb.  | h et h/10                  |                 |
| Petit Langbian      |                        |                  | 15,5                 | 21,1 | 11,1 | 25,4             | 31    | 8,5  | 5       | 83,6     | 97,3              | 58,1 | 14,7 |                            |                 |
| Diom                |                        |                  | 18,0                 | 24,1 | 13,2 | 27,2             | 30,31 | 9,8  | 2,3     | 82,0     | 98,0              | 54,8 | 16,8 |                            |                 |
| Lang-hanh           |                        |                  | 19,3                 | 26,9 | 13,2 | 29,7             | 21,30 | 9,6  | 13      | 76,7     | 95,2              | 40,0 | 17,1 | 7,9                        |                 |
| Djiring             |                        |                  | 19,4                 | 26,5 | 13,8 | 30,5             | 31    | 10,0 | 10      | 75,8     | 99,3              | 46,2 | 17,1 |                            |                 |
| Blaio (Daklongpoul) |                        |                  | 19,1                 | 26,7 | 12,7 | 30,1             | 3     | 8,0  | 29      | 82,7     | 98,9              | 45,5 | 18,2 | 7,5                        |                 |
| Padaran             | 992,5                  | 1012,8           | 23,4                 | 26,0 | 21,7 | 27,7             | 30    | 20,4 | 4,7,10  | 76,8     | 86,6              | 64,8 | 21,9 |                            |                 |
| Phanthiét           | 1012,0                 | 1012,7           | 24,7                 | 29,9 | 19,4 | 34,6             | 22    | 15,6 | 9       | 75,8     | 92,2              | 47,3 | 23,2 | 7,7                        |                 |
| Cochinchine         |                        |                  |                      |      |      |                  |       |      |         |          |                   |      |      |                            |                 |
| Thuao-loi           |                        |                  | 25,2                 | 31,8 | 19,9 | 35,0             | 29    | 16,1 | 10      | 77,8     | 96,2              | 56,3 | 24,8 |                            |                 |
| Dautieng            |                        |                  | 26,0                 | 33,6 | 19,6 | 36,7             | 28    | 16,0 | 10      | 70,3     | 96,5              | 38,0 | 23,3 |                            |                 |
| Bongtrang           |                        |                  | 26,2                 | 32,3 | 20,1 | 35,2             | 26    | 16,8 | 11      | —        | —                 | —    | —    |                            |                 |
| Bencat              |                        |                  | 25,1                 | 32,6 | 19,0 | 36,0             | 31    | 15,3 | 8       | 75,1     | 95,2              | 47,3 | 23,7 | 8,2                        |                 |
| Gia-ray             |                        |                  |                      |      |      |                  |       |      |         |          |                   |      |      |                            |                 |
| Xuân-lôc            |                        |                  |                      |      |      |                  |       |      |         |          |                   |      |      |                            |                 |
| Trang-bom           |                        |                  | 25,7                 | 33,0 | 18,9 | 35,5             | 29,31 | 13,7 | 8       | —        | —                 | —    | —    |                            |                 |
| Tân-châu            |                        |                  | 26,7                 | 31,2 | 21,6 | 33,4             | 29    | 18,3 | 11      | 72,3     | 89,4              | 50,6 | 25,1 |                            |                 |
| Saigon              | 1011,3                 | 1012,5           | 26,4                 | 32,7 | 21,2 | 35,4             | 29    | 16,8 | 10      | 72,0     | 91,7              | 46,8 | 24,1 | 8,2                        |                 |
| Hatién              | 1011,9                 | 1012,5           | 26,0                 | 30,3 | 22,1 | 32,0             | 29    | 17,6 | 11      | 77,6     | 91,2              | 61,1 | 25,9 | 8,0                        |                 |
| Cap Saint-Jacques   | 991,4                  | 1012,3           | 24,5                 | 28,0 | 21,8 | 29,9             | 25    | 18,8 | 9       | 85,2     | 90,8              | 68,7 | 25,9 |                            |                 |
| Can-tho             | 1012,1                 | 1012,5           | 26,2                 | 30,2 | 22,8 | 32,5             | 29    | 19,5 | 10      | 77,7     | 91,7              | 60,4 | 26,0 |                            |                 |
| Poulo-Condore       | 1011,9                 | 1012,7           | 26,0                 | 28,4 | 24,3 | 29,5             | 30    | 22,7 | 3       | 77,2     | 84,3              | 63,5 | 25,6 |                            |                 |
| Poulo-Obi           |                        |                  | —                    | —    | —    | —                | —     | —    | —       | —        | —                 | —    | —    |                            |                 |
| Cambodge            |                        |                  |                      |      |      |                  |       |      |         |          |                   |      |      |                            |                 |
| Sisophon            | 1011,9                 | 1013,5           | 25,7                 | 32,7 | 19,8 | 36,5             | 30    | 15,3 | 10      | 64,6     | 88,2              | 38,3 | 20,7 |                            |                 |
| Stungtreng          |                        |                  | 24,6                 | 30,6 | 19,0 | 33,3             | 28    | 15,2 | 11      | 71,9     | 92,5              | 47,1 | 21,5 | 10,1                       |                 |
| Siemréap            |                        |                  | 25,3                 | 31,2 | 20,1 | 33,5             | 30    | 15,2 | 11      | 74,0     | 90,8              | 53,2 | 23,8 |                            |                 |
| Battambang          | 1011,7                 | 1013,6           | 25,3                 | 31,2 | 19,9 | 34,6             | 31    | 14,9 | 12      | 72,9     | 94,8              | 46,7 | 23,1 |                            |                 |
| Kompongthom         |                        |                  | 25,6                 | 32,6 | 19,7 | 36,9             | 30    | 15,3 | 10      | 69,3     | 89,1              | 43,8 | 22,4 |                            |                 |
| Pursat              | 1011,7                 | 1014,0           | 25,7                 | 31,6 | 20,7 | 35,5             | 30    | 16,2 | 11      | 71,2     | 93,0              | 46,5 | 22,7 |                            |                 |
| Kratié              | 1009,0                 | 1011,7           | 25,4                 | 31,4 | 19,7 | 33,8             | 30    | 16,2 | 11      | 69,7     | 91,1              | 47,8 | 22,1 | 8,4                        |                 |
| Le Rolland          | 915,8                  | »                | 19,3                 | 24,9 | 15,6 | 29,2             | 29    | 12,8 | 10      | 85,6     | 98,6              | 62,8 | 19,1 |                            |                 |
| Kompongchhnang      |                        |                  | 26,0                 | 31,8 | 21,0 | 34,5             | 19,30 | 17,2 | 10      | 74,9     | 98,4              | 41,0 | 24,6 |                            |                 |
| Kompongcham         |                        |                  | 26,5                 | 32,8 | 21,0 | 35,7             | 30    | 17,9 | 9,11,12 | 67,0     | 85,2              | 46,9 | 23,1 |                            |                 |
| Phnom-penh          | 1011,2                 | 1012,7           | 26,6                 | 31,8 | 22,0 | 34,8             | 30    | 18,9 | 9,10,11 | 67,9     | 86,6              | 45,7 | 23,1 | 9,2                        |                 |
| Ilôt-Cone           |                        |                  | 26,2                 | 31,1 | 22,7 | 32,7             | 31    | 19,2 | 10      | —        | —                 | —    | —    |                            |                 |
| Soai-rieng          |                        |                  | 24,9                 | 31,0 | 19,6 | 34,3             | 30    | 14,3 | 10      | 76,8     | 96,9              | 46,1 | 23,5 |                            |                 |
| Kampot              |                        |                  | 26,5                 | 31,5 | 22,0 | 33,4             | 25,29 | 19,2 | 9,12    | 70,2     | 84,6              | 47,7 | 24,0 |                            |                 |
| Laos                |                        |                  |                      |      |      |                  |       |      |         |          |                   |      |      |                            |                 |
| Luang Prabang       | 982,2                  | 1016,7           | 18,7                 | 26,6 | 12,9 | 33,1             | 31    | 9,7  | 15      | 85,2     | 97,8              | 48,0 | 18,3 |                            |                 |
| Nong-het            |                        |                  | 12,9                 | 20,5 | 7,6  | 31,5             | 31    | 2,7  | 11      | 87,8     | 98,0              | 61,3 | 13,0 |                            |                 |
| Nieng-khouang       |                        |                  | 14,9                 | 24,6 | 8,3  | 30,3             | 25    | 3,3  | 14      | 82,3     | 95,8              | 52,6 | 13,9 |                            |                 |
| Paksane             | 997,0                  | 1014,7           | 21,4                 | 30,7 | 14,1 | 36,2             | 31    | 7,3  | 10      | 73,6     | 95,1              | 43,0 | 18,2 | 7,6                        |                 |
| Napé                |                        |                  | 16,8                 | 24,0 | 11,7 | 33,1             | 31    | 5,6  | 15      | 79,5     | 95,9              | 52,8 | 15,1 |                            |                 |
| Vientiane           | 993,9                  | 1012,8           | 21,2                 | 29,4 | 14,2 | 34,9             | 31    | 8,7  | 10      | 70,5     | 94,6              | 38,2 | 16,9 | 8,7                        |                 |
| Boneng              |                        |                  | 19,8                 | 29,2 | 12,6 | 33,9             | 31    | 6,9  | 10      | 81,6     | 98,1              | 51,4 | 18,7 |                            |                 |
| Thakhek             | 998,3                  | 1014,2           | 21,7                 | 29,9 | 14,7 | 35,0             | 30,31 | 8,2  | 10      | 70,4     | 95,3              | 40,0 | 17,6 | 6,5                        |                 |
| Savannakhet         | 998,4                  | 1014,6           | 22,2                 | 31,0 | 14,6 | 36,2             | 31    | 8,0  | 10      | 73,2     | 95,2              | 46,3 | 19,2 |                            |                 |
| Bolovens (Pakoung)  |                        |                  | 17,7                 | 23,9 | 12,8 | 28,2             | 26    | 9,4  | 10      | —        | —                 | —    | —    | 7,0                        |                 |
| Pakse               | 1001,2                 | 1011,6           | 24,8                 | 31,5 | 19,0 | 36,8             | 30    | 13,2 | 10      | 67,7     | 92,3              | 41,6 | 20,5 |                            |                 |

# RÉSUMÉ DES OBSERVATIONS d'Evaporation, Temps et Nébulosité

Mois de Janvier 1938

| STATIONS               | Evaporation<br>(en mm) |        |        | TEMPS<br>Nombre de jours de : |              |            |                     |            |              |            |              |                |                 | Nébulosité moyenne |                              |                 |                 |  |  |
|------------------------|------------------------|--------|--------|-------------------------------|--------------|------------|---------------------|------------|--------------|------------|--------------|----------------|-----------------|--------------------|------------------------------|-----------------|-----------------|--|--|
|                        | totale                 | Max.   |        | Pluie<br>●                    | Grachin<br>▼ | Rosée<br>D | Bé<br>matinaux<br>∇ | Orage<br>Σ | ciel         |            | tempête<br>⚡ | totale (N)     |                 |                    | inférieure (N <sub>L</sub> ) |                 |                 |  |  |
|                        |                        | valeur | date   |                               |              |            |                     |            | couvert<br>☁ | clair<br>☀ |              | 6 <sup>h</sup> | 10 <sup>h</sup> | 14 <sup>h</sup>    | 6 <sup>h</sup>               | 10 <sup>h</sup> | 14 <sup>h</sup> |  |  |
|                        |                        |        |        |                               |              |            |                     |            |              |            |              |                |                 |                    |                              |                 |                 |  |  |
| <b>Yunnan</b>          |                        |        |        |                               |              |            |                     |            |              |            |              |                |                 |                    |                              |                 |                 |  |  |
| Yunnanfou              | 61                     | 4      | 29     | 0                             | 3            | 0          | 9                   | 0          | 9            | 14         | 0            | —              | 4,6             | —                  | —                            | 2,0             | —               |  |  |
| <b>Kouangtchéouwan</b> |                        |        |        |                               |              |            |                     |            |              |            |              |                |                 |                    |                              |                 |                 |  |  |
| Fort-Bayard            | 62                     | 4      | 8,9,10 | 9                             | 9            | 1          | 4                   | 0          | 25           | 4          | 0            | 8,3            | 8,2             | 7,8                | 8,2                          | 8,1             | 7,1             |  |  |
| <b>Tonkin</b>          |                        |        |        |                               |              |            |                     |            |              |            |              |                |                 |                    |                              |                 |                 |  |  |
| Bao-lac                | —                      | —      | —      | 2                             | 3            | 0          | 0                   | 0          | 18           | 0          | 0            | 9,7            | 9,4             | 8,7                | —                            | —               | —               |  |  |
| Hà-giang               | —                      | —      | —      | 2                             | 5            | 0          | 10                  | 0          | 21           | 0          | 0            | 10,0           | 10,0            | 9,9                | 9,8                          | 9,8             | 7,2             |  |  |
| Trungkhanhphu          | 69                     | 5      | 22     | 4                             | 2            | 0          | 10                  | 0          | —            | —          | 0            | —              | —               | 7,1                | —                            | —               | 0,5             |  |  |
| Hoangsuphi             | —                      | —      | —      | 1                             | 0            | 0          | 1                   | 1          | 5            | 0          | 0            | 9,0            | 7,5             | 6,9                | 9,0                          | 7,5             | 2,3             |  |  |
| Cao-bang               | —                      | —      | —      | 0                             | 2            | 0          | 5                   | 0          | 15           | 0          | 0            | 9,4            | 8,4             | 7,8                | 8,3                          | 6,3             | 5,7             |  |  |
| Lao-kay                | 43                     | 2      | 3      | 4                             | 7            | 9          | 3                   | 0          | 25           | 0          | 0            | 9,9            | 9,5             | 7,9                | 9,5                          | 5,0             | 3,6             |  |  |
| Thât-khe               | —                      | —      | —      | 2                             | 6            | 0          | 9                   | 0          | 17           | 0          | 0            | 10,0           | 7,4             | 8,6                | 9,7                          | 5,3             | 6,9             |  |  |
| Bao-ha                 | 54                     | 4      | 31     | 7                             | 9            | 9          | 31                  | 0          | 26           | 0          | 0            | 10,0           | 9,5             | 8,4                | 10,0                         | 5,7             | 3,4             |  |  |
| Lai-chau               | —                      | —      | —      | 0                             | 1            | 0          | 10                  | 0          | —            | —          | 0            | —              | —               | 2,7                | —                            | —               | 1,4             |  |  |
| Lang-son               | 60                     | 4      | 7      | 9                             | 6            | 3          | 5                   | 0          | 23           | 2          | 0            | 8,5            | 8,4             | 8,0                | 8,4                          | 8,3             | 7,7             |  |  |
| Loc-binh               | —                      | —      | —      | —                             | —            | —          | —                   | —          | 16           | 0          | 0            | 9,9            | 7,7             | 8,8                | 9,7                          | 6,7             | 7,5             |  |  |
| Tuyên-quang            | 46                     | 2      | 21     | 1                             | 3            | 2          | 0                   | 0          | 23           | 0          | 0            | —              | —               | 7,8                | —                            | —               | —               |  |  |
| Moncay                 | 50                     | 4      | 13     | 15                            | 14           | 0          | 2                   | 0          | 23           | 3          | 0            | 9,2            | 8,4             | 7,4                | 9,2                          | 6,8             | 6,5             |  |  |
| Thanh-ba               | 40                     | 2      | 19     | 5                             | 6            | 3          | 1                   | 0          | 16           | 0          | 0            | —              | —               | 7,3                | —                            | —               | 6,1             |  |  |
| Phu-ho                 | 41                     | 2      | 14     | 9                             | 5            | 0          | 2                   | 0          | 27           | 0          | 0            | 9,7            | —               | 8,5                | 7,0                          | —               | 4,7             |  |  |
| Tam-dao                | 15                     | —      | —      | 10                            | 4            | 0          | 14                  | 0          | —            | —          | 0            | 8,5            | —               | 7,7                | —                            | —               | —               |  |  |
| Son-la                 | 32                     | 1      | 22     | 0                             | 2            | 31         | 3                   | 0          | 12           | 7          | 0            | 6,7            | 5,6             | 5,2                | 6,7                          | 5,6             | 5,2             |  |  |
| Phu-lang-thuong        | 73                     | 6      | 7      | 5                             | 5            | 0          | 12                  | 0          | 18           | 3          | 0            | —              | —               | 7,2                | —                            | —               | 1,5             |  |  |
| La-pho                 | 64                     | 4      | 22     | 7                             | 3            | 3          | 28                  | 0          | 20           | 0          | 0            | 9,5            | —               | 8,0                | 9,1                          | —               | 6,7             |  |  |
| Tong                   | —                      | —      | —      | 1                             | 4            | 0          | 6                   | 0          | —            | —          | 0            | 9,4            | 7,8             | —                  | 9,0                          | 6,4             | —               |  |  |
| Gia-lam (Aéroport)     | 80                     | 6      | 7      | 0                             | 6            | 0          | 9                   | 0          | 21           | 0          | 0            | 9,3            | 8,8             | 8,1                | 8,9                          | 7,9             | 6,9             |  |  |
| Hoa-lac                | 64                     | 3      | 22,29  | 1                             | 3            | 0          | 0                   | 0          | 12           | 2          | 0            | 8,7            | 6,4             | 4,6                | —                            | —               | —               |  |  |
| Phu-liên               | 39                     | 3      | 13     | 12                            | 15           | 4          | 9                   | 0          | 23           | 3          | 0            | 8,8            | 8,4             | 7,8                | 8,2                          | 7,7             | 6,7             |  |  |
| Hoa-binh               | 48                     | 3      | 29     | 1                             | 5            | 0          | 10                  | 0          | 23           | 0          | 0            | 9,7            | 8,2             | 8,3                | 9,7                          | 8,2             | 7,8             |  |  |
| Nam-dinh               | 41                     | 3      | 9      | 15                            | 18           | 5          | 18                  | 0          | 25           | 2          | 0            | 8,5            | 8,8             | 8,5                | 7,8                          | 8,2             | 8,0             |  |  |
| Phat-diêm              | 45                     | 4      | 8,9    | 7                             | 1            | 0          | 0                   | 0          | 12           | 0          | 0            | —              | —               | 6,3                | —                            | —               | 4,9             |  |  |
| <b>Annam</b>           |                        |        |        |                               |              |            |                     |            |              |            |              |                |                 |                    |                              |                 |                 |  |  |
| Thanh-hoa              | 41                     | 3      | 9      | 12                            | 16           | 3          | 6                   | 0          | 24           | 0          | 0            | 9,0            | 8,9             | 8,3                | 8,5                          | 8,6             | 6,8             |  |  |
| Nhu-xuan               | —                      | —      | —      | —                             | —            | —          | —                   | —          | —            | —          | —            | —              | —               | —                  | —                            | —               | —               |  |  |
| Phu-qui                | 27                     | 2      | 7      | 3                             | 12           | 0          | 4                   | 0          | 14           | 5          | 0            | 8,3            | —               | 8,5                | —                            | —               | —               |  |  |
| Vinh                   | 35                     | 2      | 9      | 16                            | 18           | 10         | 8                   | 0          | 28           | 0          | 0            | 9,5            | 9,6             | 9,3                | 9,2                          | 8,7             | 8,0             |  |  |
| Voi-bo                 | —                      | —      | —      | 9                             | 7            | 2          | 0                   | 0          | —            | —          | —            | —              | —               | —                  | —                            | —               | —               |  |  |
| Dong-hoi               | 30                     | 2      | 13     | 15                            | 15           | 5          | 10                  | 0          | 28           | 1          | 0            | 9,6            | 9,3             | 9,1                | 8,4                          | 7,1             | 6,2             |  |  |
| Quang-tri              | 25                     | 2      | 2      | 17                            | 19           | 9          | 5                   | 0          | 23           | 1          | 0            | 9,0            | 9,0             | 7,7                | 9,0                          | 8,0             | 6,8             |  |  |
| Hue                    | 19                     | 1      | 21,30  | 17                            | 11           | 15         | 0                   | 0          | 23           | 3          | 0            | 8,9            | 8,0             | 7,2                | 8,8                          | 8,0             | 7,2             |  |  |
| Tientcha               | 41                     | 4      | 9      | 17                            | 0            | 0          | 2                   | 0          | 24           | 0          | 0            | 9,3            | 9,4             | 8,0                | 8,6                          | 8,0             | 6,4             |  |  |
| Tourane                | 53                     | 5      | 9      | 21                            | 8            | 10         | 4                   | 0          | 22           | 0          | 0            | 9,3            | 8,9             | 7,5                | 8,8                          | 7,8             | 6,1             |  |  |
| Quangngai              | 53                     | 4      | 8      | 14                            | 2            | 5          | 22                  | 0          | 20           | 1          | 0            | 8,2            | 8,4             | 7,5                | 5,8                          | 6,8             | 6,2             |  |  |
| Bongson                | 54                     | 6      | 7      | 18                            | 17           | 0          | 5                   | 0          | 16           | 1          | 0            | 8,4            | 6,9             | 5,9                | 8,4                          | 6,9             | 5,9             |  |  |
| Kontum                 | 104                    | 5      | 27     | 0                             | 0            | 0          | 5                   | 1          | —            | —          | 0            | 3,2            | —               | 2,5                | 2,6                          | —               | 1,5             |  |  |
| Dakdo                  | 102                    | —      | —      | —                             | —            | —          | —                   | —          | —            | —          | —            | —              | —               | —                  | —                            | —               | —               |  |  |
| Pleiku                 | 136                    | 6      | 8      | 0                             | —            | —          | —                   | —          | —            | —          | —            | —              | —               | —                  | —                            | —               | —               |  |  |
| Yapuch                 | 51                     | 4      | 20     | 0                             | —            | —          | —                   | —          | —            | —          | —            | —              | —               | —                  | —                            | —               | —               |  |  |
| Qui-nhon               | 86                     | 5      | 13     | 18                            | 3            | 0          | 0                   | 0          | 11           | 2          | 0            | 7,6            | 6,7             | 6,6                | 7,4                          | 6,3             | 5,0             |  |  |
| Tuy-hoa                | 104                    | 7      | 9      | 17                            | 5            | 8          | 0                   | 0          | 10           | 0          | 0            | 6,4            | 6,4             | 5,9                | 5,3                          | 4,6             | 2,9             |  |  |
| Thach-ban              | 70                     | 5      | 7      | 13                            | 0            | 0          | 1                   | 0          | —            | —          | 0            | 9,3            | —               | 9,2                | 9,3                          | —               | 9,2             |  |  |
| Banmethuot             | 96                     | 5      | 7,22   | 0                             | 5            | 0          | 0                   | 0          | 8            | 1          | 0            | 5,8            | —               | 6,1                | 3,9                          | —               | 3,1             |  |  |

# RÉSUMÉ DES OBSERVATIONS

## d'Evaporation, Temps et Nébulosité

Mois de Janvier 1938

| STATIONS            | Evaporation<br>(en mm) |        |       | TEMPS<br>Nombre de jours de : |              |            |                    |            |              |            |              |            |     | Nébulosité moyenne |                  |     |     |  |  |
|---------------------|------------------------|--------|-------|-------------------------------|--------------|------------|--------------------|------------|--------------|------------|--------------|------------|-----|--------------------|------------------|-----|-----|--|--|
|                     | totale                 | Max.   |       | Pluie<br>●                    | Grachin<br>● | Rosée<br>D | Ba<br>matinaux<br> | Orage<br>Σ | ciel         |            | tempête<br>≡ | totale (N) |     |                    | inférieure (Nt.) |     |     |  |  |
|                     |                        | valeur | date  |                               |              |            |                    |            | couvert<br>☉ | clair<br>☉ |              | 6h         | 10h | 14h                | 6h               | 10h | 14h |  |  |
|                     |                        |        |       |                               |              |            |                    |            |              |            |              |            |     |                    |                  |     |     |  |  |
| Nhatrang            | 76                     | 5      | 7     | 8                             | 4            | 0          | 0                  | 0          | 12           | 0          | 0            | 7,9        | 8,0 | 6,5                | 7,1              | 6,7 | 4,9 |  |  |
| Dalat               | 72                     | 3      | 1     | 0                             | 0            | 0          | 0                  | 0          | 0            | 0          | 0            | —          | —   | 5,5                | —                | —   | —   |  |  |
| Petit Langbian      | 106                    | 7      | 4     | 0                             | 2            | 19         | 6                  | 2          | 1            | 0          | 0            | 4,9        | —   | 5,5                | 2,9              | —   | 3,4 |  |  |
| Diom                | 106                    | 6      | 7     | 0                             | 4            | 27         | 2                  | 0          | 0            | 14         | 0            | 2,7        | —   | 3,2                | 1,6              | —   | 2,0 |  |  |
| Langhanh            | 85                     | 4      | 7     | 0                             | 0            | 27         | 11                 | 0          | 5            | 8          | 0            | 5,8        | 1,4 | —                  | —                | —   | —   |  |  |
| Djiring             | 99                     | 5      | 22    | 0                             | 0            | 0          | 5                  | 2          | 5            | 3          | 0            | 4,2        | —   | 5,3                | 2,5              | —   | 2,9 |  |  |
| Blaio (Daklongpoul) | 103                    | 5      | 7     | 3                             | 0            | 15         | 16                 | 2          | 0            | 3          | 2            | —          | —   | 6,1                | —                | —   | 5,2 |  |  |
| Padaran             | 211                    | 12     | 8     | 0                             | 0            | 0          | 0                  | 0          | 12           | 0          | 0            | 7,5        | 7,6 | 6,8                | 2,7              | 2,5 | 2,1 |  |  |
| Phan-thiêt          | 91                     | 5      | 26,27 | 0                             | 0            | 5          | 15                 | 0          | 0            | 17         | 0            | 2,8        | 2,2 | 2,8                | 0,6              | 0,8 | 0,9 |  |  |
| Cochinchine         |                        |        |       |                               |              |            |                    |            |              |            |              |            |     |                    |                  |     |     |  |  |
| Thuau-loi           | 94                     | 4      | 22    | 1                             | 0            | 0          | 0                  | 0          | —            | —          | 0            | —          | —   | —                  | —                | —   | —   |  |  |
| Dau-tieng           | 116                    | 6      | 8     | 1                             | 0            | 0          | 5                  | 0          | 1            | 2          | 0            | 3,4        | —   | 5,2                | —                | —   | —   |  |  |
| Bong-trang          | 125                    | 6      | 23,30 | 2                             | 0            | 0          | 1                  | 0          | —            | —          | 0            | —          | —   | —                  | —                | —   | —   |  |  |
| Ben-cat             | 96                     | 4      | 9     | 3                             | 0            | 0          | 0                  | 0          | 0            | 3          | 0            | 4,1        | —   | 4,7                | 2,3              | —   | 3,8 |  |  |
| Gia-ray             | —                      | —      | —     | —                             | —            | —          | —                  | —          | —            | —          | —            | —          | —   | —                  | —                | —   | —   |  |  |
| Xuan-loc            | —                      | —      | —     | —                             | —            | —          | —                  | —          | —            | —          | —            | —          | —   | —                  | —                | —   | —   |  |  |
| Trang-bom           | 72                     | 5      | 29    | 0                             | 0            | 0          | 0                  | 0          | 0            | 0          | 0            | 4,9        | —   | 5,6                | 3,3              | —   | 3,4 |  |  |
| Tan-chau            | 95                     | 4      | 14    | 3                             | 0            | 0          | 0                  | 0          | 2            | 2          | 0            | —          | —   | 4,1                | —                | —   | —   |  |  |
| Saigon              | 101                    | 4      | 29    | 2                             | 0            | 29         | 1                  | 0          | 1            | 4          | 0            | 4,5        | 3,4 | 5,9                | 0,2              | 1,0 | 4,3 |  |  |
| Hatien              | 150                    | 8      | 8     | 0                             | 0            | 1          | 0                  | 1          | 0            | 13         | 0            | 3,0        | 2,9 | 3,8                | 0,6              | 1,2 | 2,6 |  |  |
| Cap Saint Jacques   | 108                    | 10     | 29    | 0                             | 1            | 0          | 0                  | 0          | 6            | 1          | 0            | 6,6        | 6,2 | 6,7                | 2,1              | 1,8 | 2,5 |  |  |
| Cantho              | 92                     | 5      | 10    | 2                             | 0            | 9          | 0                  | 0          | 8            | 3          | 0            | 5,8        | 5,1 | 6,1                | 4,7              | 3,4 | 4,1 |  |  |
| Poulo Condore       | 117                    | 7      | 10    | 1                             | 0            | 0          | 0                  | 0          | 0            | 0          | 0            | 5,1        | 5,1 | —                  | 3,3              | 3,0 | —   |  |  |
| Poulo-Obi           | —                      | —      | —     | —                             | —            | —          | —                  | —          | —            | —          | —            | 6,6        | 6,4 | 6,5                | 4,5              | 3,2 | 3,4 |  |  |
| Cambodge            |                        |        |       |                               |              |            |                    |            |              |            |              |            |     |                    |                  |     |     |  |  |
| Sisophon            | 121                    | 5      | 14    | 0                             | 0            | 0          | 1                  | 0          | 2            | 3          | 0            | 5,2        | 4,9 | 6,1                | 2,9              | 1,7 | 3,4 |  |  |
| Stungtreng          | 98                     | 5      | 21    | 0                             | 0            | 6          | 0                  | 0          | 0            | 19         | 0            | 1,7        | 1,7 | 2,2                | 0,3              | 0,0 | 1,4 |  |  |
| Siemréap            | 96                     | 4      | 29    | 0                             | 0            | 22         | 13                 | 0          | 2            | 5          | 0            | 4,1        | 6,0 | 6,0                | 1,6              | 0,6 | 4,5 |  |  |
| Battambang          | 102                    | 5      | 31    | 1                             | 0            | 4          | 2                  | 0          | 0            | 7          | 0            | 3,7        | 3,0 | 3,3                | 1,4              | 0,6 | 1,9 |  |  |
| Kompongthom         | 132                    | 6      | 14    | 0                             | 0            | 14         | 1                  | 0          | 3            | 9          | 0            | 3,6        | 3,9 | 4,7                | 1,2              | 0,8 | 2,9 |  |  |
| Pursat              | 99                     | 4      | 27,30 | 0                             | 0            | 18         | 0                  | 0          | 3            | 9          | 0            | 4,5        | 4,6 | 4,1                | 1,3              | 2,7 | 2,5 |  |  |
| Kratie              | 96                     | 6      | 24    | 0                             | 1            | 0          | 5                  | 0          | 2            | 13         | 0            | 2,7        | 2,2 | 3,7                | 0,3              | 0,5 | 2,5 |  |  |
| Le Rolland          | 47                     | 2      | 15    | 0                             | 0            | 0          | 3                  | 0          | 8            | 1          | 0            | 6,1        | —   | 6,9                | 5,5              | —   | 5,5 |  |  |
| Kompongchhnang      | 116                    | 5      | 21    | 0                             | 0            | 0          | 1                  | 0          | 0            | 8          | 0            | 2,2        | 3,2 | 3,8                | 1,3              | 1,6 | 3,0 |  |  |
| Kompongcham         | 166                    | 9      | 24    | 0                             | 0            | 0          | 0                  | 0          | 0            | 20         | 0            | 2,0        | —   | 2,0                | —                | —   | —   |  |  |
| Phnom-penh          | 127                    | 6      | 7     | 0                             | 0            | 8          | 3                  | 0          | 2            | 16         | 0            | 3,2        | 2,7 | 3,3                | 1,2              | 0,9 | 1,2 |  |  |
| Hot-Cone            | 110                    | 6      | 15    | 0                             | 0            | 0          | 0                  | 1          | 0            | 7          | 0            | 4,1        | 3,2 | 3,9                | 2,5              | 1,1 | 2,7 |  |  |
| Soai-rieng          | 124                    | 7      | 24    | 1                             | 0            | 28         | 14                 | 0          | 2            | 0          | 0            | 5,4        | 3,8 | 5,3                | 1,1              | 1,2 | 3,4 |  |  |
| Kampot              | 170                    | 10     | 8     | 0                             | 0            | —          | —                  | —          | —            | —          | 0            | —          | —   | —                  | —                | —   | —   |  |  |
| Laos                |                        |        |       |                               |              |            |                    |            |              |            |              |            |     |                    |                  |     |     |  |  |
| Phongsaly           | —                      | —      | —     | 2                             | 0            | 0          | 8                  | 0          | 7            | 7          | 0            | 5,4        | 5,7 | 6,7                | 3,7              | 3,3 | 3,7 |  |  |
| Banhoueisai         | —                      | —      | —     | —                             | —            | —          | —                  | —          | —            | —          | —            | —          | —   | —                  | —                | —   | —   |  |  |
| Luangprabang        | 46                     | 2      | 10    | 0                             | 0            | 31         | 20                 | 0          | 12           | 0          | 0            | 9,9        | 9,4 | —                  | 9,0              | 7,9 | —   |  |  |
| Nonghet             | 61                     | 8      | 2     | 0                             | 0            | 11         | 11                 | 0          | 5            | 11         | 0            | 4,9        | —   | 3,1                | 4,6              | —   | 2,7 |  |  |
| Xiengkhouang        | 68                     | 4      | 20    | 0                             | 0            | 0          | 22                 | 0          | 6            | 0          | 0            | —          | —   | 4,3                | —                | —   | 4,3 |  |  |
| Paksane             | 81                     | 4      | 14    | 0                             | 0            | 31         | 0                  | 0          | 0            | 20         | 0            | 1,8        | 2,1 | 1,7                | 0,0              | 0,2 | 0,8 |  |  |
| Napé                | 77                     | 3      | 14    | 0                             | 1            | 0          | 13                 | 0          | 1            | 2          | 0            | 5,8        | 3,3 | 3,5                | 4,5              | 2,2 | 2,6 |  |  |
| Vientiane           | 109                    | 5      | 21    | 0                             | 0            | 20         | 3                  | 0          | 0            | 17         | 0            | 2,6        | 2,2 | 2,1                | 0,9              | 0,3 | 1,1 |  |  |
| Boneng              | 174                    | 8      | 6     | 0                             | —            | —          | —                  | —          | —            | —          | —            | —          | —   | —                  | —                | —   | —   |  |  |
| Thakhek             | 109                    | 5      | 7     | 0                             | 0            | 0          | 10                 | 0          | 0            | 21         | 0            | 2,0        | 1,6 | 2,1                | 0,7              | 0,3 | 1,7 |  |  |
| Savannakhet         | 126                    | 5      | 22,24 | 0                             | 0            | 31         | 0                  | 0          | 0            | 18         | 0            | 0,8        | 1,1 | 3,0                | 0,0              | 0,2 | 2,2 |  |  |
| Bôlôvens (Paksong)  | 68                     | 3      | 15    | 0                             | 0            | 30         | 0                  | 0          | 0            | 6          | 0            | 1,5        | —   | 5,5                | —                | —   | —   |  |  |
| Paksé               | 152                    | 7      | 23    | 0                             | 0            | 7          | 0                  | 0          | 3            | 8          | 0            | 4,1        | 3,6 | 5,3                | 0,1              | 0,8 | 3,6 |  |  |

# VENT AU SOL — Nombre d'observations en directions et forces (Echelle Beaufort)

(6h. 8h. 10h. 14h. 16h.)

Mois de Janvier 1938

| STATIONS               | Nombre d'observations | N              |              | NE             |              | E              |              | SE             |              | S              |              | SW             |              | W              |              | NW             |              | Calmes    |    | Transport moyen en m/sc |           |
|------------------------|-----------------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|-----------|----|-------------------------|-----------|
|                        |                       | 1 2,3,4,5,6 >6 |              | 1 2,3,4,5,6 >6 |              | 1 2,3,4,5,6 >6 |              | 1 2,3,4,5,6 >6 |              | 1 2,3,4,5,6 >6 |              | 1 2,3,4,5,6 >6 |              | 1 2,3,4,5,6 >6 |              | 1 2,3,4,5,6 >6 |              |           |    | N E                     |           |
|                        |                       | 1              | 2,3,4,5,6 >6 | 1              | 2,3,4,5,6 >6 | 1              | 2,3,4,5,6 >6 | 1              | 2,3,4,5,6 >6 | 1              | 2,3,4,5,6 >6 | 1              | 2,3,4,5,6 >6 | 1              | 2,3,4,5,6 >6 | 1              | 2,3,4,5,6 >6 |           |    |                         |           |
| <b>Yunnan</b>          |                       |                |              |                |              |                |              |                |              |                |              |                |              |                |              |                |              |           |    |                         |           |
| Yunnanfou (1)          | 93                    | 1              | —            | 1              | —            | —              | —            | 6              | 1            | —              | 5            | 1              | —            | 27             | 8            | —              | 5            | 1         | —  | 0                       |           |
| <b>Kouangtchéouwan</b> |                       |                |              |                |              |                |              |                |              |                |              |                |              |                |              |                |              |           |    |                         |           |
| Fort-Bayard            | 144                   | 1              | —            | 4              | 46           | 8              | —            | 4              | 35           | 13             | —            | —              | —            | —              | —            | —              | —            | —         | 3  |                         |           |
| <b>Tonkin</b>          |                       |                |              |                |              |                |              |                |              |                |              |                |              |                |              |                |              |           |    |                         |           |
| Bao-lac (2)            | 64                    | 11             | —            | 1              | 1            | —              | 3            | 1              | —            | 4              | 1            | —              | 4            | 1              | —            | 11             | —            | —         | 17 |                         |           |
| Ha-giang (2)           | 65                    | —              | —            | 3              | 6            | —              | 2            | 5              | 2            | —              | 3            | 1              | —            | —              | —            | —              | —            | 51        |    |                         |           |
| Hoangsuphi (2)         | 58                    | —              | —            | —              | —            | —              | 2            | 20             | 2            | —              | —            | —              | —            | —              | —            | —              | —            | 23        |    |                         |           |
| Cao-bang (2)           | 65                    | 1              | 2            | —              | —            | —              | —            | —              | —            | —              | 1            | —              | —            | —              | —            | —              | —            | —         | —  |                         |           |
| Lao-kay                | 145                   | —              | —            | —              | —            | —              | 3            | 1              | —            | 14             | 29           | 1              | —            | 14             | 2            | —              | 2            | —         | 30 |                         |           |
| Thaï-khé (2)           | 64                    | —              | —            | —              | —            | —              | —            | 5              | 9            | —              | —            | —              | —            | —              | —            | —              | —            | 74        | —  | 1,0 + 0,1               |           |
| Bao-ha                 | 143                   | 4              | —            | 9              | 1            | —              | —            | 2              | 2            | —              | 1            | —              | —            | —              | —            | —              | —            | 59        |    |                         |           |
| Lang-son               | 147                   | 5              | —            | 12             | 16           | —              | —            | 11             | 35           | —              | 2            | 1              | —            | —              | —            | 5              | 2            | —         | 33 |                         |           |
| Loc-binh (2)           | 65                    | —              | —            | 2              | 3            | —              | —            | 4              | 7            | —              | 9            | 5              | —            | —              | —            | —              | —            | 33        |    |                         |           |
| Moncay                 | 146                   | 3              | —            | 18             | 57           | —              | 6            | 5              | 7            | —              | 2            | 1              | —            | —              | —            | —              | —            | 50        |    | 1,9 + 1,1               |           |
| Son-la                 | 155                   | —              | —            | —              | —            | —              | 10           | 15             | —            | —              | 1            | —              | —            | —              | —            | —              | —            | 35        |    |                         |           |
| Tong (3)               | 45                    | —              | —            | 1              | —            | —              | 4            | 1              | —            | —              | —            | —              | —            | —              | —            | —              | —            | 22        |    | 0,8 + 1,6               |           |
| Gia-lam (aéroport)     | 155                   | 4              | 15           | 1              | —            | —              | 4            | 1              | —            | —              | 1            | —              | —            | —              | —            | —              | —            | 112       |    |                         |           |
| Hoai-binh              | 135                   | 15             | 8            | 6              | 6            | —              | 2            | 1              | —            | —              | —            | —              | —            | —              | —            | —              | —            | 15        |    |                         |           |
| Nam-dinh (4)           | 186                   | 12             | 34           | 6              | 3            | —              | 15           | 19             | —            | —              | —            | —              | —            | —              | —            | —              | —            | 7         |    | 0,8 + 0,4               |           |
| <b>Phu-lien (1)</b>    |                       |                |              |                |              |                |              |                |              |                |              |                |              |                |              |                |              |           |    |                         |           |
|                        | 7,5                   | 7,8            | 25,8         | 14,5           | 34,8         | 17,2           | 1,73         | 16,8           | 10,1         | 13,9           | 0,1          | 8,5            | 0,9          | 3,2            | 2,7          | 13,6           | 4            | 0,0 + 3,0 |    |                         |           |
| <b>Annam</b>           |                       |                |              |                |              |                |              |                |              |                |              |                |              |                |              |                |              |           |    |                         |           |
| Thanh-hoa              | 148                   | —              | 24           | 2              | 35           | —              | 1            | 6              | 25           | —              | 2            | —              | —            | —              | —            | 1              | 7            | —         | 1  |                         |           |
| Vinh                   | 155                   | 2              | 13           | 6              | 30           | —              | 5            | 4              | 1            | —              | 4            | —              | —            | —              | —            | 8              | 10           | —         | 47 |                         | 1,6 + 0,9 |
| Dong-hoi               | 142                   | 14             | 5            | 1              | 4            | —              | 13           | 9              | 2            | —              | 1            | —              | —            | —              | —            | 15             | 27           | —         | 24 |                         | 2,5 - 1,2 |
| Quang-tri              | 132                   | 7              | 10           | 6              | 4            | —              | 7            | 2              | —            | —              | —            | —              | —            | —              | —            | 12             | 18           | 2         | 1  |                         | 45        |
| Huê                    | 141                   | 7              | 4            | 9              | 6            | —              | 5            | 1              | 5            | —              | 12           | 5              | —            | —              | —            | 7              | 5            | —         | 1  |                         |           |
| Tourane                | 155                   | 12             | 12           | —              | 22           | —              | 6            | 1              | —            | —              | 5            | 1              | —            | —              | —            | 8              | —            | —         | 12 |                         | 0,7 + 0,5 |
| Quang-ngai             | 141                   | 8              | 6            | —              | 14           | —              | 3            | 10             | —            | —              | 1            | —              | —            | —              | —            | 11             | 1            | —         | 61 |                         |           |
| Bong-son               | 138                   | 25             | 52           | —              | 31           | —              | 2            | 1              | —            | —              | 9            | —              | —            | —              | —            | 25             | 8            | —         | 20 |                         |           |
| Kontum (5)             | 62                    | —              | —            | 9              | 7            | —              | 13           | —              | —            | —              | 4            | —              | —            | —              | —            | —              | —            | —         | 28 |                         | 3,3 + 0,6 |
| Qui-nhon               | 141                   | 23             | —            | 8              | 26           | —              | —            | 3              | —            | —              | —            | —              | —            | —              | —            | 6              | —            | —         | 7  |                         |           |
| Tuy-hoa                | 139                   | 31             | 38           | —              | 21           | —              | —            | —              | —            | —              | 6            | —              | —            | —              | —            | 5              | —            | —         | 5  |                         |           |
| Baï-méhuot (6)         | 93                    | —              | —            | —              | —            | —              | 48           | 18             | 1            | —              | —            | —              | —            | —              | —            | —              | —            | —         | 13 |                         | 2,2 + 0,7 |
| Nha-trang              | 153                   | —              | 25           | 3              | 44           | —              | 8            | —              | 2            | —              | —            | —              | —            | —              | —            | 14             | 9            | —         | 5  |                         |           |

(1) Observations de 2 heures en 2 heures - 1er nombre fréquence en % 2e nombre vitesse moyenne en mètres par seconde  
 (2) id 7h 10h et 16h  
 (3) id 6h 10h et 14h  
 (4) Observations de 6h 10h 12h 14h et 16h  
 (5) id 6h et 14h  
 (6) id 6h 14h et 18h

(6h. 8h. 10h. 14h. et 16h.)

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| STATIONS          | Nombre d'observations | Direction |    |    |    |    |    |    |    |    | Calme | Transport moyen en m/sec            |
|-------------------|-----------------------|-----------|----|----|----|----|----|----|----|----|-------|-------------------------------------|
|                   |                       | N         | NE | E  | SE | S  | SW | W  | NW |    |       |                                     |
| Cochinchine       |                       |           |    |    |    |    |    |    |    |    |       |                                     |
| Dalat (b)         | 93                    | 1         | 60 | 4  | —  | —  | —  | —  | —  | —  | 2     | 0,7 +3,2                            |
| Padaran           | 155                   | 26        | 35 | 14 | —  | —  | —  | —  | —  | —  | 0     |                                     |
| Phan-thiet        | 141                   | —         | —  | —  | —  | 1  | —  | —  | —  | —  | 58    |                                     |
| Cochinchine       |                       |           |    |    |    |    |    |    |    |    |       |                                     |
| Saigon (b)        | 186                   | 43        | 23 | 12 | 17 | —  | 25 | 8  | —  | —  | 8     | +0,6 +0,8<br>+2,0 +1,1              |
| Ha-tien (b)       | 141                   | 14        | 20 | 4  | 6  | 19 | 12 | 8  | 3  | —  | 20    |                                     |
| Cap Saint Jacques | 121                   | 3         | —  | —  | —  | 29 | 14 | 45 | 18 | —  | 0     |                                     |
| Can-tho           | 119                   | 12        | 16 | 1  | 17 | 8  | 13 | 14 | 4  | 1  | 14    | 0                                   |
| Poulo Condore (b) | 105                   | 5         | 15 | —  | 33 | 46 | —  | 1  | 1  | —  | 3     |                                     |
| Poulo Obi (b)     | 68                    | 1         | —  | —  | —  | 4  | 10 | 5  | 1  | 14 | 0     |                                     |
| Cambodge          |                       |           |    |    |    |    |    |    |    |    |       |                                     |
| Sisophon          | 141                   | 10        | 34 | 1  | 6  | 25 | 2  | 10 | 20 | 1  | 17    | +1,6 +1,3                           |
| Stungtreng        | 148                   | 18        | 26 | —  | 31 | 39 | —  | 17 | 17 | —  | 0     |                                     |
| Siemréap          | 143                   | 8         | 26 | —  | —  | 4  | —  | 3  | 6  | —  | 57    |                                     |
| Battambang        | 141                   | 8         | 26 | —  | 10 | 27 | 2  | 3  | 21 | 1  | 25    | +1,6 +1,3                           |
| Kompongthom       | 146                   | 6         | 5  | —  | 14 | 42 | 42 | 6  | 3  | —  | 53    |                                     |
| Pursat            | 40                    | —         | —  | —  | 2  | 16 | 1  | 6  | 55 | 3  | 41    |                                     |
| Kratie            | 142                   | 10        | 17 | 8  | 7  | 24 | 14 | 1  | —  | —  | 24    | +2,3 +0,9                           |
| Le Rolland (b)    | 117                   | 2         | 10 | 4  | 10 | 30 | 13 | 18 | 1  | 4  | 17    |                                     |
| Kompongchhang     | 141                   | 37        | 48 | —  | 22 | 27 | —  | 7  | 1  | —  | 24    |                                     |
| Phnom Penh        | 155                   | 7         | 10 | 3  | 16 | 28 | 3  | 2  | 4  | 2  | 32    | +2,3 +0,9                           |
| Illet Cône (b)    | 120                   | 1         | —  | —  | 2  | 3  | —  | 38 | 12 | —  | 2     |                                     |
| Soairieng         | 142                   | 5         | 11 | —  | 17 | 69 | —  | 4  | 5  | —  | 2     |                                     |
| Laos              |                       |           |    |    |    |    |    |    |    |    |       |                                     |
| Phonsaly (b)      | 61                    | —         | —  | —  | —  | —  | —  | 1  | —  | —  | 37    | +4,2 +3,0<br>-0,2 +0,3<br>-0,2 +0,4 |
| Banhoulisai       | 93                    | 3         | 4  | —  | 7  | 10 | —  | 1  | 1  | —  | 59    |                                     |
| Luang Prabang (b) | 93                    | —         | —  | —  | 3  | —  | 4  | —  | —  | —  | 79    |                                     |
| Nieng Khouang (b) | 93                    | —         | —  | —  | —  | —  | —  | —  | —  | —  | 37    | +1,1 +0,2                           |
| Paksane           | 148                   | 9         | 13 | —  | 8  | 34 | 3  | 4  | 7  | —  | 20    |                                     |
| Napé              | 118                   | 5         | 15 | —  | —  | —  | —  | —  | —  | —  | 27    |                                     |
| Vientiane         | 155                   | 6         | 2  | —  | 4  | 32 | 52 | 2  | 18 | 1  | 27    | +1,1 +0,2                           |
| Thakhek           | 148                   | 8         | 2  | —  | 4  | 4  | 8  | —  | 6  | 1  | 28    |                                     |
| Savannakhet       | 142                   | 3         | —  | —  | 7  | 3  | 15 | —  | 4  | 10 | 90    |                                     |
| Paksé             | 141                   | 19        | 32 | 6  | 3  | 1  | —  | 18 | 8  | —  | 20    |                                     |

1. Observations de 8h 14h et 16h  
2. id 6h 8h 10h 12h 14h 16h  
3. id 6h 8h 10h 12h 14h 16h  
4. id 6h 8h 10h 12h 14h 16h

5. Observations de 6h 10h 14h  
6. id 7h 10h 14h  
7. id 8h 10h 14h

## Résumé des Observations pluviométriques

Mois de Janvier 1938

| STATIONS              | Quantité de pluie |                    |                        |             |        | Nombre de jours de pluie |          |          |           |           |       | Pluviosité moyenne par bassin |          |                    |                          |
|-----------------------|-------------------|--------------------|------------------------|-------------|--------|--------------------------|----------|----------|-----------|-----------|-------|-------------------------------|----------|--------------------|--------------------------|
|                       | totale            | Ecart à la moyenne | R Nuit<br>R Total x100 | Max. diurne | date   | R ≤ 1mm                  | R ≤ 10mm | R ≤ 50mm | R ≤ 100mm | R > 100mm | total | Bassin                        | Quantité | Ecart à la moyenne | Nombre de jours de pluie |
|                       |                   |                    |                        |             |        |                          |          |          |           |           |       |                               |          |                    |                          |
|                       | mm                | mm                 |                        | mm          |        |                          |          |          |           |           |       |                               | mm       | mm                 |                          |
| Trung-khanh-phu       | 10                | — 9                | 70                     | 5           | 29     | 1                        | 3        | 0        | 0         | 0         | 4     | Sikiang supérieur             | 10       | — 8                | 4                        |
| Cao-bang              | 1                 | — 13               | 100                    | 1           | 29     | 1                        | 0        | 0        | 0         | 0         | 1     |                               |          |                    |                          |
| Ngân-son              | 9                 | — 12               | 22                     | 5           | 28     | 2                        | 2        | 0        | 0         | 0         | 4     |                               |          |                    |                          |
| Thát-khê              | 9                 | — 12               | 56                     | 3           | 26     | 1                        | 4        | 0        | 0         | 0         | 5     |                               |          |                    |                          |
| Yên-lac               | 2                 | — 12               | 100                    | 1           | 27,28  | 2                        | 0        | 0        | 0         | 0         | 2     |                               |          |                    |                          |
| Náchâm                | 1                 | — 6                | 100                    | 1           | 31     | 1                        | 0        | 0        | 0         | 0         | 1     |                               |          |                    |                          |
| Pho-binh-gia          | 6                 | — 16               | 67                     | 2           | 31     | 1                        | 3        | 0        | 0         | 0         | 4     |                               |          |                    |                          |
| Lang-son              | 25                | 0                  | 44                     | 6           | 3      | 3                        | 6        | 0        | 0         | 0         | 9     |                               |          |                    |                          |
| Loc-binh              | 26                | + 10               | 50                     | 8           | 28     | 1                        | 9        | 0        | 0         | 0         | 10    | Côtiêr Moncay-Cacha           | 27       | + 1                | 9                        |
| Moncay                | 39                | — 2                | 44                     | 8           | 21     | 7                        | 8        | 0        | 0         | 0         | 15    |                               |          |                    |                          |
| Hacoi                 | 17                | — 22               | 65                     | 3           | 31     | 6                        | 7        | 0        | 0         | 0         | 13    |                               |          |                    |                          |
| Mui-ngoc              | 48                | + 15               | 50                     | 8           | 29     | 0                        | 10       | 0        | 0         | 0         | 10    |                               |          |                    |                          |
| Pho-ba-che            | 52                | + 30               | 48                     | 12          | 19     | 0                        | 8        | 1        | 0         | 0         | 9     |                               |          |                    |                          |
| Port-Wallut (S.P.Ad.) | 42                | + 14               | 86                     | 17          | 4      | 2                        | 6        | 2        | 0         | 0         | 10    |                               |          |                    |                          |
| Port-Wallut (S.P.L.)  | 38                | — 12               | 79                     | 10          | 29     | 1                        | 9        | 0        | 0         | 0         | 10    |                               |          |                    |                          |
| Campha mine           | 6                 | — 9                | 67                     | 2           | 21     | 11                       | 1        | 0        | 0         | 0         | 12    |                               |          |                    |                          |
| Hongay                | 21                | — 3                | 71                     | 5           | 29     | 3                        | 7        | 0        | 0         | 0         | 10    |                               |          |                    |                          |
| Dong-bai              | 0                 | — 7                | 0                      | —           | —      | 0                        | 0        | 0        | 0         | 0         | 0     |                               |          |                    |                          |
| Cac-ba                | 11                | + 4                | 18                     | 7           | 30     | 0                        | 2        | 0        | 0         | 0         | 2     | Delta du Thai-binh            | 16       | — 1                | 5                        |
| Sept Pagodes          | 6                 | — 3                | 83                     | 2           | 3, 29  | 2                        | 2        | 0        | 0         | 0         | 4     |                               |          |                    |                          |
| Mine-Clotilde         |                   |                    |                        |             |        |                          |          |          |           |           |       |                               |          |                    |                          |
| Mao-khe               | 30                | + 16               | 40                     | 16          | 3      | 0                        | 1        | 2        | 0         | 0         | 3     |                               |          |                    |                          |
| Uong-bi               | 31                | + 15               | 97                     | 9           | 21     | 1                        | 7        | 0        | 0         | 0         | 8     |                               |          |                    |                          |
| Quang-Yên (S.P.Ad.)   | 0                 | — 17               | 0                      | —           | —      | 0                        | 0        | 0        | 0         | 0         | 0     |                               |          |                    |                          |
| Quang-Yên (S.P.L.)    | 13                | + 4                | 100                    | 8           | 4      | 0                        | 3        | 0        | 0         | 0         | 3     |                               |          |                    |                          |
| Haïduong              | 18                | + 8                | 78                     | 5           | 4      | 3                        | 7        | 0        | 0         | 0         | 10    |                               |          |                    |                          |
| Haiphong (Gare)       | 0                 | — 21               | 0                      | —           | —      | 0                        | 0        | 0        | 0         | 0         | 0     |                               |          |                    |                          |
| Haiphong (Ciment.)    | 27                | + 5                | —                      | 6           | 3      | 4                        | 6        | 0        | 0         | 0         | 10    |                               |          |                    |                          |
| Phu-Liên              | 37                | + 7                | 74                     | 6           | 21     | 3                        | 9        | 0        | 0         | 0         | 12    | Sông Thai-binh                | 10       | — 3                | 3                        |
| Ninh-giang            | 0                 | — 8                | 0                      | —           | —      | 0                        | 0        | 0        | 0         | 0         | 0     |                               |          |                    |                          |
| Diêm-dien             | 11                | — 18               | 100                    | 6           | 21     | 1                        | 3        | 0        | 0         | 0         | 4     |                               |          |                    |                          |
| Bac-Kan               | 5                 | — 8                | 100                    | 5           | 29     | 0                        | 1        | 0        | 0         | 0         | 1     |                               |          |                    |                          |
| Cho-chu               | 6                 | — 8                | 100                    | 2           | 24, 29 | 2                        | 2        | 0        | 0         | 0         | 4     |                               |          |                    |                          |
| Cho-moi               | 5                 | — 6                | 100                    | 2           | 29     | 3                        | 1        | 0        | 0         | 0         | 4     |                               |          |                    |                          |
| Phan-me               | 0                 | — 15               | 0                      | —           | —      | 0                        | 0        | 0        | 0         | 0         | 0     |                               |          |                    |                          |
| Thai-nguyên           | 14                | — 4                | 100                    | 5           | 26     | 0                        | 5        | 0        | 0         | 0         | 5     |                               |          |                    |                          |
| Dinh-lập              | 0                 | — 10               | 0                      | —           | —      | 0                        | 0        | 0        | 0         | 0         | 0     |                               |          |                    |                          |
| Cau-son               | 1                 | — 7                | 100                    | 1           | 31     | 1                        | 0        | 0        | 0         | 0         | 1     |                               |          |                    |                          |
| Nghia-thuong          | 5                 | — 10               | 100                    | 2           | 21     | 4                        | 2        | 0        | 0         | 0         | 6     | Delta du Fleuve-Rouge         |          |                    |                          |
| An-chau               | 15                | + 7                | 0                      | 15          | 3      | 0                        | 0        | 1        | 0         | 0         | 1     |                               |          |                    |                          |
| Luc-nam               | 10                | + 2                | 40                     | 4           | 27     | 0                        | 3        | 0        | 0         | 0         | 3     |                               |          |                    |                          |
| Phu-lang-thuong(OIR)  | 24                | + 9                | 92                     | 18          | 21     | 3                        | 2        | 1        | 0         | 0         | 6     |                               |          |                    |                          |
| Phu-lang-thuong(S.C.) | 30                | + 14               | 87                     | 21          | 21     | 1                        | 3        | 1        | 0         | 0         | 5     |                               |          |                    |                          |
| Phan-son-nui          | 7                 | — 2                | 100                    | 4           | 30     | 0                        | 2        | 0        | 0         | 0         | 2     |                               |          |                    |                          |
| Bac-ninh              | 13                | + 3                | 92                     | 10          | 21     | 4                        | 1        | 0        | 0         | 0         | 5     |                               |          |                    |                          |
| Vinh-yên              | 10                | — 6                | 60                     | 5           | 6      | 2                        | 3        | 0        | 0         | 0         | 5     |                               |          |                    |                          |
| Phuc-yên              | 4                 | — 7                | 75                     | 2           | 25     | 1                        | 2        | 0        | 0         | 0         | 3     |                               |          |                    |                          |
| Son-tây               | 4                 | — 9                | 100                    | 1           | 26     | 5                        | 0        | 0        | 0         | 0         | 5     |                               |          |                    |                          |
| Tho-khê               | 4                 | — 4                | 100                    | 3           | 21     | 1                        | 1        | 0        | 0         | 0         | 2     |                               |          |                    |                          |
| My-khê                | 0                 | — 41               | 0                      | —           | —      | 0                        | 0        | 0        | 0         | 0         | 0     |                               |          |                    |                          |
| Pont du Day           | 4                 | — 7                | 100                    | 3           | 21     | 1                        | 1        | 0        | 0         | 0         | 2     |                               |          |                    |                          |
| Lien-mac              | 3                 | —                  | 100                    | 2           | 4      | 1                        | 1        | 0        | 0         | 0         | 2     |                               |          |                    |                          |
| Gia-lâm (Gare)        | 0                 | — 11               | 0                      | —           | —      | 0                        | 0        | 0        | 0         | 0         | 0     |                               |          |                    |                          |
| Gia-lâm (Aéroport)    | 0                 | —                  | 0                      | —           | —      | 0                        | 0        | 0        | 0         | 0         | 0     |                               |          |                    |                          |
| Hanoi (Voirie)        | 5                 | — 13               | 100                    | 2           | 1      | 3                        | 2        | 0        | 0         | 0         | 5     |                               |          |                    |                          |
| Bachmai               | 1                 | — 21               | 100                    | 1           | 3      | 1                        | 0        | 0        | 0         | 0         | 1     |                               |          |                    |                          |

## Résumé des Observations pluviométriques

Mois de Janvier 1938

| STATIONS             | Quantité de pluie |                    |                         |                |       | Nombre de jours de pluie |          |          |           |           |       | Pluviosité moyenne par bassin |                |                          |                          |
|----------------------|-------------------|--------------------|-------------------------|----------------|-------|--------------------------|----------|----------|-----------|-----------|-------|-------------------------------|----------------|--------------------------|--------------------------|
|                      | totale            | Ecart à la moyenne | Ruit<br>R Total<br>x100 | Max.<br>diurne | date  | R ≤ 1mm                  | R ≤ 10mm | R ≤ 50mm | R ≤ 100mm | R > 100mm | total | Bassin                        | Quantité<br>mm | Ecart à la moyenne<br>mm | Nombre de jours de pluie |
|                      |                   |                    |                         |                |       |                          |          |          |           |           |       |                               |                |                          |                          |
| Hanoi (OIR)          | 4                 | — 18               | 100                     | 2              | 5     | 3                        | 1        | 0        | 0         | 0         | 4     | Delta du Fleuve Rouge (suite) | 6              | — 12                     | 4                        |
| Hoa-Lac              | 2                 | —                  | 100                     | 2              | 26    | 0                        | 1        | 0        | 0         | 0         | 1     |                               |                |                          |                          |
| Mochen               | 0                 | — 25               | 0                       | —              | —     | 0                        | 0        | 0        | 0         | 0         | 0     |                               |                |                          |                          |
| Hadong (T. P.)       | 0                 | — 13               | 0                       | —              | —     | 0                        | 0        | 0        | 0         | 0         | 0     |                               |                |                          |                          |
| Hadong (I. R. A.)    | 2                 | — 6                | 100                     | 1              | 7     | 3                        | 0        | 0        | 0         | 0         | 3     |                               |                |                          |                          |
| Bân-yên-nhân         | 8                 | — 10               | 88                      | 2              | 5     | 3                        | 4        | 0        | 0         | 0         | 7     |                               |                |                          |                          |
| Xuân-thuy            | 9                 | — 15               | 100                     | 5              | 4     | 0                        | 3        | 0        | 0         | 0         | 3     |                               |                |                          |                          |
| Khoai-Châu           | 2                 | — 5                | 100                     | 2              | 21    | 0                        | 1        | 0        | 0         | 0         | 1     |                               |                |                          |                          |
| Thuong-tin           | 5                 | — 9                | 100                     | 5              | 21    | 0                        | 1        | 0        | 0         | 0         | 1     |                               |                |                          |                          |
| Hung-Yên             | 10                | — 14               | 80                      | 3              | 4     | 2                        | 3        | 0        | 0         | 0         | 5     |                               |                |                          |                          |
| Phu-Ly               | 0                 | — 0                | 0                       | —              | —     | 0                        | 0        | 0        | 0         | 0         | 0     |                               |                |                          |                          |
| Dai-dong             | 0                 | — 24               | 0                       | —              | —     | 0                        | 0        | 0        | 0         | 0         | 0     |                               |                |                          |                          |
| Thai-binh (S.P. Ad.) | 16                | — 3                | 63                      | 4              | 21    | 4                        | 6        | 0        | 0         | 0         | 10    |                               |                |                          |                          |
| Thai-binh (O.I.R.)   | 13                | — 11               | 85                      | 4              | 21    | 6                        | 6        | 0        | 0         | 0         | 12    |                               |                |                          |                          |
| Nam-dinh             | 21                | — 9                | 57                      | 4              | 4     | 7                        | 8        | 0        | 0         | 0         | 15    |                               |                |                          |                          |
| Phu-nho-quan         | 17                | — 2                | 6                       | 14             | 4     | 1                        | 1        | 1        | 0         | 0         | 3     | Fleuve Rouge                  | 7              | — 14                     | 4                        |
| Ninh-binh            | 11                | — 9                | 0                       | 5              | 4     | 0                        | 4        | 0        | 0         | 0         | 4     |                               |                |                          |                          |
| Van-ly               | 17                | — 3                | 100                     | 17             | 21    | 0                        | 0        | 1        | 0         | 0         | 1     |                               |                |                          |                          |
| Phat-diêm            | 15                | — 18               | 53                      | 5              | 5     | 3                        | 4        | 0        | 0         | 0         | 7     |                               |                |                          |                          |
| Muong-khuong         | 5                 | — 17               | 40                      | 3              | 27    | 0                        | 2        | 0        | 0         | 0         | 2     |                               |                |                          |                          |
| Ba-xat               | 2                 | — 12               | 100                     | 2              | 15    | 0                        | 1        | 0        | 0         | 0         | 1     |                               |                |                          |                          |
| Lao-kay              | 7                 | — 8                | 57                      | 3              | 7     | 2                        | 2        | 0        | 0         | 0         | 4     |                               |                |                          |                          |
| Pho-moi              | 17                | + 3                | 100                     | 6              | 28,29 | 0                        | 4        | 0        | 0         | 0         | 4     |                               |                |                          |                          |
| Chapa                | 17                | — 26               | 88                      | 6              | 7     | 5                        | 5        | 0        | 0         | 0         | 10    |                               |                |                          |                          |
| Bao-ha               | 14                | — 2                | 86                      | 6              | 27    | 3                        | 4        | 0        | 0         | 0         | 7     |                               |                |                          |                          |
| Yen-bay              | 0                 | — 28               | 0                       | —              | —     | 0                        | 0        | 0        | 0         | 0         | 0     | Rivière Claire                | 8              | — 10                     | 4                        |
| Nghia-lo             | 0                 | — 6                | 0                       | —              | —     | 0                        | 0        | 0        | 0         | 0         | 0     |                               |                |                          |                          |
| Thanh-ba             | 2                 | — 28               | 100                     | 1              | 26    | 5                        | 0        | 0        | 0         | 0         | 5     |                               |                |                          |                          |
| Phu-ho               | 11                | — 20               | 82                      | 3              | 5     | 4                        | 5        | 0        | 0         | 0         | 9     |                               |                |                          |                          |
| Viétri               | 6                 | — 15               | 67                      | 2              | 26    | 3                        | 2        | 0        | 0         | 0         | 5     |                               |                |                          |                          |
| Yen-minh             | 1                 | — 1                | 0                       | 1              | 21    | 1                        | 0        | 0        | 0         | 0         | 1     | Rivière Noire                 | 3              | — 5                      | 1                        |
| Bao-lac              | 0                 | — 3                | 0                       | —              | —     | 0                        | 0        | 0        | 0         | 0         | 0     |                               |                |                          |                          |
| Hà-giang             | 22                | — 5                | 77                      | 5              | 29    | 1                        | 7        | 0        | 0         | 0         | 8     |                               |                |                          |                          |
| Pakha                | 0                 | — 3                | 0                       | —              | —     | 0                        | 0        | 0        | 0         | 0         | 0     |                               |                |                          |                          |
| Cho-ra               | 0                 | — 5                | 0                       | —              | —     | 0                        | 0        | 0        | 0         | 0         | 0     |                               |                |                          |                          |
| Na-don               | 0                 | — 17               | 0                       | —              | —     | 0                        | 0        | 0        | 0         | 0         | 0     |                               |                |                          |                          |
| Luc-an-chau          | 24                | + 5                | 42                      | 9              | 3     | 10                       | 4        | 0        | 0         | 0         | 14    |                               |                |                          |                          |
| Tuyên-quang          | 2                 | — 14               | 100                     | 2              | 5     | 0                        | 1        | 0        | 0         | 0         | 1     |                               |                |                          |                          |
| Tam-đao              | 22                | — 35               | 77                      | 5              | 3     | 2                        | 8        | 0        | 0         | 0         | 10    |                               |                |                          |                          |
| Liên-son             | 4                 | — 16               | 50                      | 2              | 6     | 0                        | 2        | 0        | 0         | 0         | 2     |                               |                |                          |                          |
| Phong-tho            | 15                | + 6                | 67                      | 15             | 21    | 0                        | 0        | 1        | 0         | 0         | 1     | Sông Ma                       | 4              | — 4                      | 2                        |
| Lai-chau             | 0                 | — 8                | 0                       | —              | —     | 0                        | 0        | 0        | 0         | 0         | 0     |                               |                |                          |                          |
| Thuan-chau           | 1                 | — 11               | 100                     | 1              | 13    | 1                        | 0        | 0        | 0         | 0         | 1     |                               |                |                          |                          |
| Son-la               | 0                 | — 13               | 0                       | —              | —     | 0                        | 0        | 0        | 0         | 0         | 0     |                               |                |                          |                          |
| La-pho               | 7                 | — 9                | 86                      | 3              | 7     | 5                        | 2        | 0        | 0         | 0         | 7     |                               |                |                          |                          |
| Dachong              | 0                 | — 9                | 0                       | —              | —     | 0                        | 0        | 0        | 0         | 0         | 0     |                               |                |                          |                          |
| Van-yên              | 3                 | — 0                | 67                      | 2              | 17    | 1                        | 1        | 0        | 0         | 0         | 2     |                               |                |                          |                          |
| Moc-chau             | 0                 | — 4                | 0                       | —              | —     | 0                        | 0        | 0        | 0         | 0         | 0     |                               |                |                          |                          |
| Hoa-binh             | 1                 | — 3                | 100                     | 1              | 26    | 1                        | 0        | 0        | 0         | 0         | 1     |                               |                |                          |                          |
| Cho-bo               | 3                 | — 3                | 67                      | 2              | 5     | 1                        | 1        | 0        | 0         | 0         | 2     |                               |                |                          |                          |
| Xiang-Kho            | 0                 | — 7                | 0                       | —              | —     | 0                        | 0        | 0        | 0         | 0         | 0     |                               |                |                          |                          |
| Muong Sone           | 0                 | — 3                | 0                       | —              | —     | 0                        | 0        | 0        | 0         | 0         | 0     |                               |                |                          |                          |
| Vu-ban               | 16                | + 4                | 69                      | 4              | 26    | 2                        | 5        | 0        | 0         | 0         | 7     |                               |                |                          |                          |
| Hoi-xuân             | 3                 | — 1                | 33                      | 2              | 4     | 1                        | 1        | 0        | 0         | 0         | 2     |                               |                |                          |                          |
| Phong-y              | 12                | + 2                | 100                     | 12             | 20    | 0                        | 0        | 1        | 0         | 0         | 1     |                               |                |                          |                          |
| Vân-đu               | 3                 | — 1                | 33                      | 3              | 4     | 0                        | 1        | 0        | 0         | 0         | 1     |                               |                |                          |                          |

## Résumé des Observations pluviométriques

Mois de Janvier 1938

| STATIONS    | Quantité de pluie |                    |                   |             |         | Nombre de jours de pluie |          |          |           |           |       | Pluviosité moyenne par bassin  |          |                    |                          |
|-------------|-------------------|--------------------|-------------------|-------------|---------|--------------------------|----------|----------|-----------|-----------|-------|--------------------------------|----------|--------------------|--------------------------|
|             | totale            | Ecart à la moyenne | R Nuit<br>R Total | Max. diurne | date    | R < 1mm                  | R < 10mm | R < 50mm | R < 100mm | R > 100mm | total | Bassin                         | Quantité | Ecart à la moyenne | Nombre de jours de pluie |
|             |                   |                    |                   |             |         |                          |          |          |           |           |       |                                |          |                    |                          |
| Cam-hoang   | 6                 | - 1                | 83                | 3           | 1       | 2                        | 2        | 0        | 0         | 0         | 4     | Song Ma (suite)                | 7        | -11                | 5                        |
| Bim-son     | 0                 | -16                | 0                 | —           | —       | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Lach-truong | 0                 | -12                | 0                 | —           | —       | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Sam-neua    | 0                 | - 2                | 0                 | —           | —       | 0                        | 0        | 0        | 0         | 0         | 0     | Song Chu                       | 7        | -11                | 5                        |
| Muong-Soi   | 0                 | - 3                | 0                 | —           | —       | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Sam-teu     | 11                | - 3                | 54                | 4           | 4       | 4                        | 3        | 0        | 0         | 0         | 7     |                                |          |                    |                          |
| Phuc dia    | 3                 | -18                | 0                 | 2           | 5       | 1                        | 1        | 0        | 0         | 0         | 2     |                                |          |                    |                          |
| Ma-hum      | 26                | -16                | 38                | 5           | 3 dates | 3                        | 6        | 0        | 0         | 0         | 9     |                                |          |                    |                          |
| Bai-thuong  | 3                 | -17                | 67                | 1           | 22      | 4                        | 0        | 0        | 0         | 0         | 4     |                                |          |                    |                          |
| Triêu-tiên  | 4                 | —                  | 100               | 2           | 22      | 5                        | 1        | 0        | 0         | 0         | 6     |                                |          |                    |                          |
| Tho-hac     | 12                | -17                | 75                | 4           | 22      | 8                        | 4        | 0        | 0         | 0         | 12    | Song Ca                        | 32       | + 4                | 7                        |
| Thanh-hoa   | 0                 | - 2                | 0                 | —           | —       | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Houa-muong  | 9                 | + 2                | 100               | 3           | 27      | 4                        | 2        | 0        | 0         | 0         | 6     |                                |          |                    |                          |
| Ke-bon      | 0                 | - 5                | 0                 | —           | —       | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Nong-het    | 0                 | - 0                | 0                 | —           | —       | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Muong-sen   | 5                 | - 5                | 100               | 2           | 22      | 1                        | 2        | 0        | 0         | 0         | 3     |                                |          |                    |                          |
| Phu-qui     | 6                 | - 2                | 100               | 6           | 22      | 0                        | 1        | 0        | 0         | 0         | 1     |                                |          |                    |                          |
| Cat-mong    | 0                 | - 3                | 0                 | —           | —       | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Cua-rao     | 26                | —                  | 77                | 9           | 5       | 5                        | 6        | 0        | 0         | 0         | 11    |                                |          |                    |                          |
| Khe-khuong  | 21                | + 4                | 52                | 5           | 5       | 3                        | 8        | 0        | 0         | 0         | 11    |                                |          |                    |                          |
| Dong-my     | 49                | —                  | 63                | 24          | 5       | 0                        | 4        | 2        | 0         | 0         | 6     |                                |          |                    |                          |
| Do-luong    | 71                | +14                | 69                | 20          | 6       | 7                        | 6        | 3        | 0         | 0         | 16    |                                |          |                    |                          |
| Yen-vinh    | 38                | + 9                | 32                | 14          | 6       | 4                        | 5        | 1        | 0         | 0         | 10    |                                |          |                    |                          |
| Vinh        | 79                | + 30               | 51                | 29          | 5       | 4                        | 5        | 3        | 0         | 0         | 12    |                                |          |                    |                          |
| Do-trai     | 50                | +14                | 60                | 12          | 7       | 5                        | 5        | 2        | 0         | 0         | 12    |                                |          |                    |                          |
| Trung-luong | 38                | - 2                | 71                | 7           | 5       | 0                        | 9        | 0        | 0         | 0         | 9     |                                |          |                    |                          |
| Linh-cam    | 47                | + 9                | 64                | 11          | 5       | 1                        | 7        | 1        | 0         | 0         | 9     |                                |          |                    |                          |
| Pho-chau    | 59                | —                  | 49                | 18          | 5       | 1                        | 8        | 1        | 0         | 0         | 10    |                                |          |                    |                          |
| Voi-bo      | 83                | +1                 | 54                | 30          | 6       | 1                        | 7        | 2        | 0         | 0         | 10    |                                |          |                    |                          |
| Cam-trang   | 0                 | -16                | 0                 | —           | —       | 0                        | 0        | 0        | 0         | 0         | 0     | Samson-Benthuy Littoral        | 23       | - 8                | 5                        |
| Chu-le      | 39                | 0                  | 74                | 13          | 5       | 7                        | 6        | 2        | 0         | 0         | 15    |                                |          |                    |                          |
| Ngoc-giap   | 54                | +18                | 57                | 27          | 5       | 0                        | 1        | 3        | 0         | 0         | 4     |                                |          |                    |                          |
| Nhu-xuan    | 9                 | - 1                | 89                | 5           | 14      | 0                        | 2        | 0        | 0         | 0         | 2     |                                |          |                    |                          |
| Yen-my      | 4                 | + 1                | 75                | 4           | 22      | 0                        | 1        | 0        | 0         | 0         | 1     |                                |          |                    |                          |
| Du-do       | 11                | - 5                | 73                | 8           | 5       | 0                        | 2        | 0        | 0         | 0         | 2     |                                |          |                    |                          |
| Phu-nghia   | 3                 | -17                | 33                | 2           | 5       | 1                        | 1        | 0        | 0         | 0         | 2     |                                |          |                    |                          |
| Yen-ly      | 2                 | - 9                | 50                | 1           | 5       | 3                        | 0        | 0        | 0         | 0         | 3     |                                |          |                    |                          |
| Thanh-son   | 47                | -28                | 81                | 16          | 6       | 0                        | 3        | 2        | 0         | 0         | 5     |                                |          |                    |                          |
| Van-phan    | 59                | -19                | 68                | 25          | 6       | 6                        | 7        | 2        | 0         | 0         | 15    |                                |          |                    |                          |
| Phu-dien    | 153               | +29                | 48                | 44          | 6       | 0                        | 0        | 6        | 0         | 0         | 6     | Banthuy Porte d'Annam Littoral | 156      | + 8                | 13                       |
| Thuong-xa   | 56                | +20                | 57                | 15          | 6       | 4                        | 3        | 3        | 0         | 0         | 10    |                                |          |                    |                          |
| Ben-thuy    | 189               | +86                | 46                | 47          | 6       | 3                        | 4        | 6        | 0         | 0         | 13    |                                |          |                    |                          |
| Ho-do       | 127               | -39                | 57                | 34          | 6       | 5                        | 10       | 3        | 0         | 0         | 18    |                                |          |                    |                          |
| Can-loc     | 210               | +17                | 52                | 102         | 9       | 2                        | 5        | 4        | 0         | 1         | 12    |                                |          |                    |                          |
| Ha-tinh     | 146               | - 15               | —                 | —           | —       | —                        | —        | —        | —         | —         | 13    |                                |          |                    |                          |
| Gia-hoi     | 148               | +18                | —                 | 42          | 5       | 0                        | 8        | 5        | 0         | 0         | 13    |                                |          |                    |                          |
| Tientri     | 195               | - 8                | 68                | 103         | 9       | 7                        | 8        | 3        | 0         | 1         | 19    |                                |          |                    |                          |
| Thinh-thinh | 175               | -15                | —                 | —           | —       | —                        | —        | —        | —         | —         | 13    |                                |          |                    |                          |
| Kégo        | 163               | -12                | 48                | 28          | 8       | 1                        | 10       | 6        | 0         | 0         | 17    |                                |          |                    |                          |
| Tu-dung     | 47                | -11                | 79                | 10          | 4       | 2                        | 10       | 0        | 0         | 0         | 12    | Porte d'Annam Tachra Littoral  | 4        | —                  | —                        |
| Rao-buoi    | 64                | + 7                | 72                | 30          | 6       | 0                        | 2        | 2        | 0         | 0         | 4     |                                |          |                    |                          |
| Ky-anh      | 91                | +32                | 61                | 25          | 6       | 4                        | 8        | 3        | 0         | 0         | 15    |                                |          |                    |                          |
| La-trong    | 47                | -11                | 79                | 10          | 4       | 2                        | 10       | 0        | 0         | 0         | 12    | Porte d'Annam Tachra Littoral  | 4        | —                  | —                        |
| Quang-khe   | 64                | + 7                | 72                | 30          | 6       | 0                        | 2        | 2        | 0         | 0         | 4     |                                |          |                    |                          |
| Dong-hoi    | 91                | +32                | 61                | 25          | 6       | 4                        | 8        | 3        | 0         | 0         | 15    |                                |          |                    |                          |

## Résumé des Observations pluviométriques

Mois de Janvier 1938

| STATIONS         | Quantité de pluie |                    |                              |                |      | Nombre de jours de pluie |                |                |                 |                 |       | Pluviosité moyenne par bassin                     |          |                    |                          |
|------------------|-------------------|--------------------|------------------------------|----------------|------|--------------------------|----------------|----------------|-----------------|-----------------|-------|---------------------------------------------------|----------|--------------------|--------------------------|
|                  | totale            | Écart à la moyenne | R<br>Nuit<br>R Total<br>×100 | Max.<br>diurne | date | R<br>≤<br>1mm            | R<br>≤<br>10mm | R<br>≤<br>50mm | R<br>≤<br>100mm | R<br>≥<br>100mm | total | Bassin                                            | Quantité | Écart à la moyenne | Nombre de jours de pluie |
|                  | mm                | mm                 |                              | mm             |      |                          |                |                |                 |                 |       |                                                   | mm       | mm                 |                          |
| Lethuy           | 78                | + 1                | 67                           | 38             | 6    | 0                        | 6              | 2              | 0               | 0               | 8     | Littoral<br>Porte d'Annam<br>Tien-tcha<br>(suite) | 249      | +99                | 14                       |
| Cua-tung         | 368               | +188               | 55                           | 70             | 7    | 0                        | 2              | 8              | 2               | 0               | 12    |                                                   |          |                    |                          |
| Quang-tri        | 262               | + 91               | 53                           | 64             | 6    | 3                        | 6              | 6              | 2               | 0               | 17    |                                                   |          |                    |                          |
| Kim-long         | 492               | +211               | 53                           | 101            | 8    | 0                        | 2              | 4              | 4               | 1               | 11    |                                                   |          |                    |                          |
| Hue              | 492               | +295               | 64                           | 111            | 22   | 5                        | 4              | 4              | 2               | 2               | 17    |                                                   |          |                    |                          |
| Thua-luu         | 665               | +304               | 69                           | 139            | 7    | 1                        | 10             | 6              | 2               | 2               | 21    |                                                   |          |                    |                          |
| Tientcha         | 59                | - 44               | 56                           | 15             | 5    | 5                        | 10             | 2              | 0               | 0               | 17    |                                                   |          |                    |                          |
| Tourane          | 118               | + 16               | 52                           | 37             | 23   | 6                        | 13             | 2              | 0               | 0               | 21    |                                                   |          |                    |                          |
| Bana             | 1366              | +370               | 60                           | 266            | 23   | 3                        | 7              | 8              | 1               | 6               | 25    | Littoral Tientcha-Song-Cau                        | 150      | + 8                | 15                       |
| Qua-giang        | 111               | + 34               | 65                           | 23             | 23   | 2                        | 9              | 5              | 0               | 0               | 16    |                                                   |          |                    |                          |
| Faifoo           | 83                | - 5                | 95                           | 20             | 6    | 0                        | 12             | 2              | 0               | 0               | 14    |                                                   |          |                    |                          |
| Hiep-hoa         | 176               | - 18               | 87                           | 49             | 12   | 0                        | 6              | 6              | 0               | 0               | 12    |                                                   |          |                    |                          |
| Duc-phu          |                   |                    |                              |                |      |                          |                |                |                 |                 |       |                                                   |          |                    |                          |
| Son-tia          | 95                | - 73               | 69                           | 62             | 11   | 1                        | 9              | 0              | 1               | 0               | 11    |                                                   |          |                    |                          |
| Tra-my           | 190               | - 3                | 58                           | 30             | 9    | 0                        | 5              | 10             | 0               | 0               | 15    |                                                   |          |                    |                          |
| Phu-nhon         | 121               | -                  | 64                           | 18             | 12   | 0                        | 11             | 4              | 0               | 0               | 15    |                                                   |          |                    |                          |
| Quang-ngai       | 60                | + 82               | 75                           | 7              | 18   | 1                        | 13             | 0              | 0               | 0               | 14    |                                                   |          |                    |                          |
| Co-luy           | 83                | - 28               | 76                           | 26             | 12   | 0                        | 10             | 2              | 0               | 0               | 12    |                                                   |          |                    |                          |
| Gi-lang          | 61                | - 12               | 77                           | 8              | 5    | 1                        | 13             | 0              | 0               | 0               | 14    |                                                   |          |                    |                          |
| Ba-to            | 166               | - 22               | 72                           | 34             | 22   | 1                        | 9              | 6              | 0               | 0               | 16    |                                                   |          |                    |                          |
| Gia-vut          | 199               | + 63               | 47                           | 38             | 23   | 0                        | 0              | 9              | 0               | 0               | 9     |                                                   |          |                    |                          |
| Sa-huynh         | 84                | - 64               | 77                           | 28             | 12   | 1                        | 11             | 2              | 0               | 0               | 14    |                                                   |          |                    |                          |
| An-lao           | 195               | + 53               | 48                           | 30             | 14   | 0                        | 4              | 7              | 0               | 0               | 11    |                                                   |          |                    |                          |
| Bong-son         | 93                | + 6                | 65                           | 14             | 7    | 2                        | 12             | 4              | 0               | 0               | 18    |                                                   |          |                    |                          |
| Phu-my           | 64                | + 8                | 65                           | 9              | 23   | 0                        | 11             | 0              | 0               | 0               | 11    |                                                   |          |                    |                          |
| Degi             | 16                | - 42               | 81                           | 13             | 12   | 0                        | 1              | 1              | 0               | 0               | 2     |                                                   |          |                    |                          |
| Dinh-quang       | 84                | + 29               | 60                           | 21             | 23   | 7                        | 7              | 3              | 0               | 0               | 17    |                                                   |          |                    |                          |
| Thuan-ninh       | 37                | - 6                | —                            | 9              | 6    | 11                       | 9              | 0              | 0               | 0               | 20    |                                                   |          |                    |                          |
| Cam-van          | 46                | -                  | 87                           | 11             | 8    | 1                        | 7              | 2              | 0               | 0               | 10    |                                                   |          |                    |                          |
| Phu-phong        | 42                | - 14               | 64                           | 8              | 8    | 3                        | 14             | 0              | 0               | 0               | 17    |                                                   |          |                    |                          |
| Thu-thien        | 57                | - 9                | 65                           | 15             | 23   | 5                        | 10             | 1              | 0               | 0               | 16    |                                                   |          |                    |                          |
| Rivière Verte    | 133               | + 8                | 78                           | 17             | 22   | 5                        | 13             | 4              | 0               | 0               | 22    |                                                   |          |                    |                          |
| Qui-nhon         | 48                | - 3                | 56                           | 11             | 8    | 8                        | 9              | 1              | 0               | 0               | 18    |                                                   |          |                    |                          |
| Cu-mong          | 58                | - 13               | 71                           | 15             | 12   | 0                        | 10             | 1              | 0               | 0               | 11    | Littoral Song-Cau-Banghoi                         | 27       | -20                | 6                        |
| Muc-thinh        | 36                | + 6                | 61                           | 11             | 23   | 1                        | 8              | 1              | 0               | 0               | 10    |                                                   |          |                    |                          |
| Le-uyen          | 51                | - 11               | 94                           | 15             | 12   | 2                        | 9              | 1              | 0               | 0               | 12    |                                                   |          |                    |                          |
| Song-cau         | 50                | - 20               | 66                           | 15             | 13   | 2                        | 11             | 1              | 0               | 0               | 14    |                                                   |          |                    |                          |
| Dong-xuan        | 33                | - 63               | 94                           | 14             | 12   | 1                        | 6              | 1              | 0               | 0               | 8     |                                                   |          |                    |                          |
| Xuan-day         | 28                | - 41               | 100                          | 19             | 9    | 0                        | 1              | 1              | 0               | 0               | 2     |                                                   |          |                    |                          |
| Tu-bong          |                   |                    |                              |                |      |                          |                |                |                 |                 |       |                                                   |          |                    |                          |
| Honecohé         | 4                 | - 17               | 100                          | 4              | 11   | 0                        | 1              | 0              | 0               | 0               | 1     |                                                   |          |                    |                          |
| Lac-ninh         | 0                 | -                  | 0                            | —              | —    | 0                        | 0              | 0              | 0               | 0               | 0     |                                                   |          |                    |                          |
| Phuoc-Lâm        | 32                | -                  | 100                          | 5              | 4    | 1                        | 9              | 0              | 0               | 0               | 10    |                                                   |          |                    |                          |
| Ninh-hoa         | 6                 | - 28               | 100                          | 4              | 12   | 0                        | 2              | 0              | 0               | 0               | 2     | Côtier<br>Phanrang Phanri                         | 0        | - 7                | 0                        |
| Nha-trang        | 25                | - 33               | 64                           | 10             | 23   | 4                        | 4              | 0              | 0               | 0               | 8     |                                                   |          |                    |                          |
| Cau-da           | 29                | - 22               | 100                          | 15             | 23   | 1                        | 2              | 2              | 0               | 0               | 5     |                                                   |          |                    |                          |
| Suoi-giao        | 11                | - 42               | 55                           | 11             | 17   | 0                        | 0              | 1              | 0               | 0               | 1     |                                                   |          |                    |                          |
| Banghoi          | 17                | - 12               | 100                          | 7              | 23   | 1                        | 3              | 0              | 0               | 0               | 4     |                                                   |          |                    |                          |
| Ninh-chu         | 0                 | - 9                | 0                            | —              | —    | 0                        | 0              | 0              | 0               | 0               | 0     |                                                   |          |                    |                          |
| Phan-rang (S.C.) |                   |                    |                              |                |      |                          |                |                |                 |                 |       |                                                   |          |                    |                          |
| Phan-rang (S.P.) | 0                 | - 10               | 0                            | —              | —    | 0                        | 0              | 0              | 0               | 0               | 0     |                                                   |          |                    |                          |
| Truong-sanh      | 0                 | - 9                | 0                            | —              | —    | 0                        | 0              | 0              | 0               | 0               | 0     |                                                   |          |                    |                          |
| Padaran          | 0                 | - 11               | 0                            | —              | —    | 0                        | 0              | 0              | 0               | 0               | 0     |                                                   |          |                    |                          |
| Cana             |                   |                    |                              |                |      |                          |                |                |                 |                 |       |                                                   |          |                    |                          |
| Duong            | 0                 | - 3                | 0                            | —              | —    | 0                        | 0              | 0              | 0               | 0               | 0     |                                                   |          |                    |                          |
| Phanri           | 0                 | - 2                | 0                            | —              | —    | 0                        | 0              | 0              | 0               | 0               | 0     |                                                   |          |                    |                          |

## Résumé des Observations pluviométriques

Mois de Janvier 1938

| STATIONS           | Quantité de pluie |                    |                        |             |      | Nombre de jours de pluie |          |          |           |           |       | Pluviosité moyenne par bassin    |          |                    |                          |
|--------------------|-------------------|--------------------|------------------------|-------------|------|--------------------------|----------|----------|-----------|-----------|-------|----------------------------------|----------|--------------------|--------------------------|
|                    | totale            | Ecart à la moyenne | R Nuit<br>R Total x100 | Max. diurne | date | R ≤ 1mm                  | R ≤ 10mm | R ≤ 50mm | R ≤ 100mm | R > 100mm | total | Bassin                           | Quantité | Ecart à la moyenne | Nombre de jours de pluie |
|                    |                   |                    |                        |             |      |                          |          |          |           |           |       |                                  |          |                    |                          |
|                    | mm                | mm                 |                        | mm          |      |                          |          |          |           |           |       |                                  | mm       | mm                 |                          |
| Phan-thiết         | 0                 | - 1                | 0                      | —           | —    | 0                        | 0        | 0        | 0         | 0         | 0     | Littoral<br>Phanthal-Cochinchine | 0        | - 2                | 0                        |
| Mui-ne             | 0                 | 0                  | 0                      | —           | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                  |          |                    |                          |
| Trinh-tuong        | 0                 | 0                  | 0                      | —           | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                  |          |                    |                          |
| Courtenay          | 1                 | 0                  | 0                      | 1           | 16   | 1                        | 0        | 0        | 0         | 0         | 1     |                                  |          |                    |                          |
| Cu-bi              | 0                 | 0                  | 0                      | —           | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                  |          |                    |                          |
| Xa-bang            | 0                 | - 8                | 0                      | —           | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                  |          |                    |                          |
| La-gi              | 0                 | - 1                | 0                      | —           | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                  |          |                    |                          |
| Xuan-son           | 3                 | + 2                | 66                     | 2           | 17   | 1                        | 1        | 0        | 0         | 0         | 2     |                                  |          |                    |                          |
| Binh-ba            | 0                 | - 4                | 0                      | —           | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                  |          |                    |                          |
| La-son             | 0                 | - 1                | 0                      | —           | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                  |          |                    |                          |
| Baria              | 0                 | - 3                | 0                      | —           | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                  |          |                    |                          |
| Co-may             | 0                 | 0                  | 0                      | —           | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                  |          |                    |                          |
| Phuoc-hai          | 0                 | - 1                | 0                      | —           | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                  |          |                    |                          |
| Cap Saint-Jacques  | 0                 | - 3                | 0                      | —           | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                  |          |                    |                          |
| Konplong           | 161               | +43                | 58                     | 19          | 9    | 0                        | 14       | 6        | 0         | 0         | 20    | Sézan (Kontum)                   | 16       | + 2                | 2                        |
| Kontum             | 0                 | - 3                | 0                      | —           | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                  |          |                    |                          |
| Dakdo              | 0                 | - 1                | 0                      | —           | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                  |          |                    |                          |
| Pleiku (S.C.)      | 0                 | - 9                | 0                      | —           | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                  |          |                    |                          |
| Pleiku (S.P.)      | 0                 | 0                  | 0                      | —           | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                  |          |                    |                          |
| Graigelong         | 0                 | - 1                | 0                      | —           | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                  |          |                    |                          |
| Jacquemart         | 0                 | - 8                | 0                      | —           | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                  |          |                    |                          |
| Yacham             | 0                 | - 2                | 0                      | —           | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                  |          |                    |                          |
| Allard             | 0                 | - 2                | 0                      | —           | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                  |          |                    |                          |
| Yapuch             | 0                 | - 2                | 0                      | —           | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                  |          |                    |                          |
| Yarinh             | 2                 | - 2                | —                      | 2           | 13   | 0                        | 1        | 0        | 0         | 0         | 1     | Song Ba                          | 63       | - 4                | 12                       |
| Dakjoppau          | 39                | +17                | 90                     | 16          | 7    | 0                        | 3        | 2        | 0         | 0         | 5     |                                  |          |                    |                          |
| Cheo-reo           | 0                 | - 3                | 0                      | —           | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                  |          |                    |                          |
| Tuy-hoa            | 62                | - 4                | 77                     | 22          | 12   | 8                        | 7        | 2        | 0         | 0         | 17    |                                  |          |                    |                          |
| Phong-niên         | 49                | -12                | 86                     | 16          | 12   | 5                        | 10       | 1        | 0         | 0         | 16    |                                  |          |                    |                          |
| Thach-ban          | 71                | -32                | 72                     | 13          | 14   | 0                        | 11       | 2        | 0         | 0         | 13    |                                  |          |                    |                          |
| Muong Drack        | 157               | +10                | 64                     | 21          | 11   | 1                        | 10       | 7        | 0         | 0         | 18    |                                  |          |                    |                          |
| Ea-yong            | 6                 | - 8                | —                      | 2           | 22   | 5                        | 3        | 0        | 0         | 0         | 8     | Fakrong<br>(Darlac)              | 2        | - 4                | 2                        |
| Ea-noet            | 4                 | -10                | 100                    | 3           | 23   | 1                        | 1        | 0        | 0         | 0         | 2     |                                  |          |                    |                          |
| Banmethuot (S.C.)  | 0                 | - 2                | 0                      | —           | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                  |          |                    |                          |
| Banmethuot (S.P.)  | 0                 | 0                  | 0                      | —           | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                  |          |                    |                          |
| Bounjengdrom       | 0                 | 0                  | 0                      | —           | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                  |          |                    |                          |
| Le Rolland         | 0                 | - 1                | 0                      | —           | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                  |          |                    |                          |
| Poste Maître       | 10                | + 5                | 0                      | 10          | 28   | 0                        | 1        | 0        | 0         | 0         | 1     | Haut Donnai                      | 3        | -17                | 1                        |
| Dankia             | 11                | -20                | 0                      | 11          | 20   | 0                        | 0        | 1        | 0         | 0         | 1     |                                  |          |                    |                          |
| Dalat              | 0                 | - 7                | 0                      | —           | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                  |          |                    |                          |
| Petit Lang-bian    | 0                 | -13                | 0                      | —           | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                  |          |                    |                          |
| Arbre-broyé        | 0                 | -15                | 0                      | —           | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                  |          |                    |                          |
| Diom               | 0                 | -17                | 0                      | —           | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                  |          |                    |                          |
| Lang-hanh          | 0                 | - 6                | 0                      | —           | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                  |          |                    |                          |
| Dongdor            | 0                 | -10                | 0                      | —           | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                  |          |                    |                          |
| Djiring            | 0                 | -25                | 0                      | —           | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                  |          |                    |                          |
| Bobla              | 0                 | -29                | 0                      | —           | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                  |          |                    |                          |
| Djiramour          | 3                 | -20                | 0                      | 2           | 15   | 1                        | 1        | 0        | 0         | 0         | 2     |                                  |          |                    |                          |
| Blao (baklongpoul) | 10                | -43                | 10                     | 7           | 16   | 1                        | 2        | 0        | 0         | 0         | 3     |                                  |          |                    |                          |
| Buprang            | 2                 | - 8                | —                      | 2           | 18   | 0                        | 1        | 0        | 0         | 0         | 1     | Bas Donnai                       | 1        | —                  | —                        |
| Djamap             | 24                | +10                | 0                      | 24          | 30   | 0                        | 0        | 1        | 0         | 0         | 1     |                                  |          |                    |                          |
| Budop (S.P.L.)     | 5                 | - 1                | 0                      | 4           | 16   | 1                        | 1        | 0        | 0         | 0         | 2     |                                  |          |                    |                          |
| Budop (S.P.Ad.)    | 7                 | - 6                | 100                    | 7           | 17   | 0                        | 1        | 0        | 0         | 0         | 1     |                                  |          |                    |                          |
| Buyamphut          | 2                 | -25                | 100                    | 2           | 17   | 0                        | 1        | 0        | 0         | 0         | 1     |                                  |          |                    |                          |
| Dakkir.            | 6                 | - 4                | 100                    | 6           | 17   | 0                        | 1        | 0        | 0         | 0         | 1     |                                  |          |                    |                          |
| Boulat             | 25                | + 2                | 0                      | 18          | 20   | 0                        | 1        | 1        | 0         | 0         | 2     |                                  |          |                    |                          |

## Résumé des Observations pluviométriques

Mois de Janvier 1938

| STATIONS                       | Quantité de pluie |                    |                        |             |      | Nombre de jours de pluie |               |               |                |             | Pluviosité moyenne par bassin |          |                    |                          |
|--------------------------------|-------------------|--------------------|------------------------|-------------|------|--------------------------|---------------|---------------|----------------|-------------|-------------------------------|----------|--------------------|--------------------------|
|                                | totale            | Écart à la moyenne | R Nuit<br>R Total x100 | Max. diurne | date | R $\leq$ 1mm             | R $\leq$ 10mm | R $\leq$ 50mm | R $\leq$ 100mm | R $>$ 100mm | Bassin                        | Quantité | Écart à la moyenne | Nombre de jours de pluie |
|                                | mm                | mm                 |                        | mm          |      |                          |               |               |                |             |                               | mm       | mm                 |                          |
| Nui Bara                       | 17                | + 6                | 82                     | 8           | 31   | 0                        | 3             | 0             | 0              | 0           | Bas Donnai (suite)            | 8        | -5                 | 1                        |
| Phu-rieng                      | 6                 | -11                | 100                    | 6           | 17   | 0                        | 1             | 0             | 0              | 0           |                               |          |                    |                          |
| Hon-quan                       | 13                | + 3                | 0                      | 12          | 31   | 1                        | 0             | 1             | 0              | 0           |                               |          |                    |                          |
| Bunard                         | 28                | + 7                | 0                      | 28          | 31   | 0                        | 0             | 1             | 0              | 0           |                               |          |                    |                          |
| Quan-loi                       | 2                 | -14                | 0                      | 2           | 16   | 0                        | 1             | 0             | 0              | 0           |                               |          |                    |                          |
| Xa-cat                         | 15                | 0                  | 0                      | 15          | 31   | 0                        | 0             | 1             | 0              | 0           |                               |          |                    |                          |
| Thuan-loi                      | 15                | + 6                | 100                    | 15          | 17   | 0                        | 0             | 1             | 0              | 0           |                               |          |                    |                          |
| Chon-thanh                     | 14                | - 8                | 100                    | 14          | 17   | 0                        | 0             | 1             | 0              | 0           |                               |          |                    |                          |
| Bong-trang                     | 1                 | - 9                | 100                    | 1           | 17   | 1                        | 0             | 0             | 0              | 0           |                               |          |                    |                          |
| Tan-loi                        | 1                 | - 13               | 0                      | 1           | 16   | 1                        | 0             | 0             | 0              | 0           |                               |          |                    |                          |
| Ben-nom                        | 2                 | -13                | 100                    | 2           | 16   | 0                        | 1             | 0             | 0              | 0           |                               |          |                    |                          |
| Binh-loc                       | 0                 | -18                | 0                      | —           | —    | 0                        | 0             | 0             | 0              | 0           |                               |          |                    |                          |
| An-vieng                       | 25                | + 8                | 0                      | 25          | 16   | 0                        | 0             | 1             | 0              | 0           |                               |          |                    |                          |
| Xuan-loc                       |                   |                    |                        |             |      |                          |               |               |                |             |                               |          |                    |                          |
| Bien-hoa                       | 0                 | - 8                | 0                      | —           | —    | 0                        | 0             | 0             | 0              | 0           |                               |          |                    |                          |
| Gia-ray                        |                   |                    |                        |             |      |                          |               |               |                |             |                               |          |                    |                          |
| Trang-bom (S.C.)               | 0                 | - 6                | 0                      | —           | —    | 0                        | 0             | 0             | 0              | 0           |                               |          |                    |                          |
| Trang-bom (S.P.)               | 3                 | -10                | 0                      | 3           | 16   | 0                        | 1             | 0             | 0              | 0           |                               |          |                    |                          |
| Bau-ca                         | 11                | + 1                | 0                      | 11          | 16   | 0                        | 0             | 1             | 0              | 0           |                               |          |                    |                          |
| Dau-giay                       | 3                 | -12                | 0                      | 3           | 16   | 0                        | 1             | 0             | 0              | 0           |                               |          |                    |                          |
| An-loc                         | 0                 | -12                | 0                      | —           | —    | 0                        | 0             | 0             | 0              | 0           |                               |          |                    |                          |
| Tuc-trung                      | 9                 | - 2                | 0                      | 7           | 17   | 0                        | 2             | 0             | 0              | 0           |                               |          |                    |                          |
| Song-ray                       | 0                 | 0                  | 0                      | —           | —    | 0                        | 0             | 0             | 0              | 0           |                               |          |                    |                          |
| Cam-tiem                       | 6                 | 0                  | 0                      | 6           | 16   | 0                        | 1             | 0             | 0              | 0           |                               |          |                    |                          |
| Long-thanh (B.I.)              | 13                | -25                | 8                      | 11          | 16   | 2                        | 0             | 1             | 0              | 0           |                               |          |                    |                          |
| Long-thanh (T.R.)              | 0                 | - 7                | 0                      | —           | —    | 0                        | 0             | 0             | 0              | 0           |                               |          |                    |                          |
| Loc-ninh (6 <sup>e</sup> div.) | 3                 | - 6                | 0                      | 3           | 16   | 0                        | 1             | 0             | 0              | 0           | Rivière de Saigon             | 13       | -3                 | 1                        |
| Loc-ninh (2 <sup>e</sup> div.) | 5                 | - 6                | 100                    | 5           | 17   | 0                        | 1             | 0             | 0              | 0           |                               |          |                    |                          |
| Xa-cam                         | 14                | - 7                | 0                      | 14          | 31   | 0                        | 0             | 1             | 0              | 0           |                               |          |                    |                          |
| Xa-trach                       | 52                | +35                | 0                      | 52          | 31   | 0                        | 0             | 0             | 1              | 0           |                               |          |                    |                          |
| Minh-thanh                     | 10                | - 8                | 100                    | 10          | 17   | 0                        | 1             | 0             | 0              | 0           |                               |          |                    |                          |
| Dau-tieng                      | 32                | +11                | 100                    | 32          | 17   | 0                        | 0             | 1             | 0              | 0           |                               |          |                    |                          |
| Ben-cui                        | 26                | + 8                | 100                    | 26          | 17   | 0                        | 0             | 1             | 0              | 0           |                               |          |                    |                          |
| Bencat                         | 22                | + 9                | 91                     | 17          | 31   | 0                        | 2             | 1             | 0              | 0           |                               |          |                    |                          |
| Vinh-cu                        | 0                 | -22                | 0                      | —           | —    | 0                        | 0             | 0             | 0              | 0           |                               |          |                    |                          |
| Phu-dau-mot                    | 3                 | -14                | 100                    | 3           | 28   | 0                        | 1             | 0             | 0              | 0           |                               |          |                    |                          |
| Gia-dinh                       | 6                 | -15                | 0                      | —           | —    | 0                        | 0             | 0             | 0              | 0           |                               |          |                    |                          |
| Phu-my                         | 4                 | - 9                | 0                      | —           | —    | 0                        | 1             | 0             | 0              | 0           |                               |          |                    |                          |
| Saigon                         | 5                 | -11                | 100                    | 5           | 17   | 0                        | 1             | 0             | 0              | 0           |                               |          |                    |                          |
| Cho-lon                        | 2                 | -13                | 100                    | 2           | 17   | 0                        | 1             | 0             | 0              | 0           |                               |          |                    |                          |
| Logo                           | 0                 | - 8                | 0                      | —           | —    | 0                        | 0             | 0             | 0              | 0           | des deux Vicos                | 2        | -14                | 0                        |
| Kompongtrach                   | 0                 | - 5                | 0                      | —           | —    | 0                        | 0             | 0             | 0              | 0           |                               |          |                    |                          |
| Péammétréy                     | 0                 | -30                | 0                      | —           | —    | 0                        | 0             | 0             | 0              | 0           |                               |          |                    |                          |
| Xom-vinh                       | 0                 | -26                | 0                      | —           | —    | 0                        | 0             | 0             | 0              | 0           |                               |          |                    |                          |
| Tay-ninh                       | 0                 | - 6                | 0                      | —           | —    | 0                        | 0             | 0             | 0              | 0           |                               |          |                    |                          |
| Ben-keo                        | 7                 | - 2                | 100                    | 7           | 16   | 0                        | 1             | 0             | 0              | 0           |                               |          |                    |                          |
| Hiep-thanh                     | 11                | -17                | 100                    | 11          | 16   | 0                        | 0             | 1             | 0              | 0           |                               |          |                    |                          |
| Kouktrap                       | 0                 | -20                | 0                      | —           | —    | 0                        | 0             | 0             | 0              | 0           |                               |          |                    |                          |
| Soairieng                      | 2                 | -14                | 100                    | 2           | 17   | 0                        | 1             | 0             | 0              | 0           |                               |          |                    |                          |
| Chipou                         |                   |                    |                        |             |      |                          |               |               |                |             |                               |          |                    |                          |
| Soc-noc                        | 0                 | -23                | 0                      | —           | —    | 0                        | 0             | 0             | 0              | 0           |                               |          |                    |                          |
| Hiep-hoa                       | 0                 | -14                | 0                      | —           | —    | 0                        | 0             | 0             | 0              | 0           |                               |          |                    |                          |
| Thu-thua                       | 1                 | -16                | 100                    | 1           | 7    | 1                        | 0             | 0             | 0              | 0           |                               |          |                    |                          |
| Tan-an                         | 2                 | -12                | 100                    | 2           | 7    | 0                        | 1             | 0             | 0              | 0           |                               |          |                    |                          |
| Tân-chau                       | 39                | +25                | 100                    | 37          | 21   | 2                        | 0             | 1             | 0              | 0           | Delta du Mékong               |          |                    |                          |
| Chau-doc                       | 63                | +48                | 100                    | 33          | 24   | 0                        | 0             | 2             | 0              | 0           |                               |          |                    |                          |
| Cho-moi                        | 26                | 0                  | 77                     | 26          | 17   | 0                        | 0             | 1             | 0              | 0           |                               |          |                    |                          |
| Thap-muoi                      | 0                 | - 8                | 0                      | —           | —    | 0                        | 0             | 0             | 0              | 0           |                               |          |                    |                          |

## Résumé des Observations pluviométriques

Mois de Janvier 1938

| STATIONS         | Quantité de pluie |                    |                 |                |      | Nombre de jours de pluie |      |      |       |       |       | Pluviosité moyenne par bassin |          |                    |                          |
|------------------|-------------------|--------------------|-----------------|----------------|------|--------------------------|------|------|-------|-------|-------|-------------------------------|----------|--------------------|--------------------------|
|                  | totale            | Ecart à la moyenne | Ruit<br>R Total | Max.<br>diurne | date | 1mm                      | 10mm | 50mm | 100mm | 100mm | total | Bassin                        | Quantité | Ecart à la moyenne | Nombre de jours de pluie |
|                  |                   |                    |                 |                |      |                          |      |      |       |       |       |                               |          |                    |                          |
|                  | mm                | mm                 |                 | mm             |      | R ≤                      | R ≤  | R ≤  | R ≤   | R ≤   |       |                               | mm       | mm                 |                          |
| Cao-lanh         |                   |                    |                 |                |      |                          |      |      |       |       |       | Delta du Mékong (suite)       | 9        | - 4                | 1                        |
| Tri-ton          | 25                | - 13               | 100             | 25             | 16   | 0                        | 0    | 1    | 0     | 0     | 1     |                               |          |                    |                          |
| Long-xuyen       | 8                 | - 3                | 100             | 8              | 17   | 0                        | 1    | 0    | 0     | 0     | 1     |                               |          |                    |                          |
| My-tho           | 0                 | - 4                | 0               | —              | —    | 0                        | 0    | 0    | 0     | 0     | 0     |                               |          |                    |                          |
| Gocong (S.P.Ad.) | 0                 | - 2                | 0               | —              | —    | 0                        | 0    | 0    | 0     | 0     | 0     |                               |          |                    |                          |
| Gocong (O.I.R.)  | 0                 | - 11               | 0               | —              | —    | 0                        | 0    | 0    | 0     | 0     | 0     |                               |          |                    |                          |
| Kim-son          | 6                 | - 14               | 33              | 4              | 16   | 0                        | 2    | 0    | 0     | 0     | 2     |                               |          |                    |                          |
| Sadec            | 1                 | - 12               | 0               | 1              | 17   | 1                        | 0    | 0    | 0     | 0     | 2     |                               |          |                    |                          |
| Vinh-long        | 9                 | + 3                | 66              | 6              | 7    | 0                        | 2    | 0    | 0     | 0     | 2     |                               |          |                    |                          |
| Ben-tre          | 0                 | - 4                | 0               | —              | —    | 0                        | 0    | 0    | 0     | 0     | 0     |                               |          |                    |                          |
| Mo-cay           | 0                 | - 12               | 0               | —              | —    | 0                        | 0    | 0    | 0     | 0     | 0     |                               |          |                    |                          |
| O-mon            | 0                 | - 23               | 0               | —              | —    | 0                        | 0    | 0    | 0     | 0     | 0     |                               |          |                    |                          |
| Batri            | 5                 | - 12               | 0               | 5              | 16   | 0                        | 1    | 0    | 0     | 0     | 1     |                               |          |                    |                          |
| Can-tho (S.M.)   | 2                 | - 11               | 5               | 2              | 16   | 0                        | 1    | 0    | 0     | 0     | 1     |                               |          |                    |                          |
| Can-tho (S.P.)   | 5                 | - 8                | 100             | 5              | 7    | 0                        | 1    | 0    | 0     | 0     | 1     |                               |          |                    |                          |
| Tra-vinh         | 20                | + 16               | 100             | 20             | 10   | 0                        | 0    | 1    | 0     | 0     | 1     | Région Camau                  | 16       | + 2                | 2                        |
| Rach-roi         | 0                 | - 22               | 0               | —              | —    | 0                        | 0    | 0    | 0     | 0     | 0     |                               |          |                    |                          |
| Da-loc           | 4                 | - 5                | 0               | —              | —    | 0                        | 1    | 0    | 0     | 0     | 1     |                               |          |                    |                          |
| Soc-trang        | 1                 | - 6                | 100             | 1              | 14   | 1                        | 0    | 0    | 0     | 0     | 1     |                               |          |                    |                          |
| Bai-xau          | 0                 | - 8                | 0               | —              | —    | 0                        | 0    | 0    | 0     | 0     | 0     |                               |          |                    |                          |
| Go-quao          | 0                 | - 8                | 0               | —              | —    | 0                        | 0    | 0    | 0     | 0     | 0     |                               |          |                    |                          |
| Long-my          | 0                 | - 5                | 0               | —              | —    | 0                        | 0    | 0    | 0     | 0     | 0     |                               |          |                    |                          |
| Phuoc-Long       | 20                | + 7                | 0               | 20             | 16   | 0                        | 0    | 1    | 0     | 0     | 1     |                               |          |                    |                          |
| Thoi-binh        | 0                 | - 5                | 0               | —              | —    | 0                        | 0    | 0    | 0     | 0     | 0     |                               |          |                    |                          |
| Tan-phu          | 6                 | - 29               | 33              | 5              | 3    | 0                        | 2    | 0    | 0     | 0     | 2     |                               |          |                    |                          |
| Bac-lieu         | 10                | + 1                | 0               | 6              | 14   | 0                        | 2    | 0    | 0     | 0     | 2     |                               |          |                    |                          |
| Ca-mau           | 26                | + 11               | 4               | 9              | 3    | 3                        | 4    | 0    | 0     | 0     | 7     |                               |          |                    |                          |
| Nam-can          | 62                | + 40               | 30              | 23             | 14   | 0                        | 2    | 3    | 0     | 0     | 5     |                               |          |                    |                          |
| Poulo-Obi        |                   |                    |                 |                |      |                          |      |      |       |       |       |                               |          |                    |                          |
| Poulo-Condore    | 1                 | - 24               | 100             | 1              | 16   | 1                        | 0    | 0    | 0     | 0     | 1     | Côtier Cambodge-Cochinchine   | 6        | - 21               | 1                        |
| Chumnéap         | 0                 | 0                  | 0               | —              | —    | 0                        | 0    | 0    | 0     | 0     | 0     |                               |          |                    |                          |
| Snam-crabeu      | 4                 | - 10               | 0               | 4              | 26   | 0                        | 1    | 0    | 0     | 0     | 1     |                               |          |                    |                          |
| Ilot-Cone        | 0                 | - 1                | 0               | —              | —    | 0                        | 0    | 0    | 0     | 0     | 0     |                               |          |                    |                          |
| Chiphatt         | 10                | - 45               | 0               | 10             | 21   | 0                        | 1    | 0    | 0     | 0     | 1     |                               |          |                    |                          |
| Sréum-bell       | 0                 | - 10               | 0               | —              | —    | 0                        | 0    | 0    | 0     | 0     | 0     |                               |          |                    |                          |
| Chéko            | 0                 | - 25               | 0               | —              | —    | 0                        | 0    | 0    | 0     | 0     | 0     |                               |          |                    |                          |
| Val d'Emeraude   | 7                 | - 29               | 43              | 3              | 20   | 1                        | 2    | 0    | 0     | 0     | 3     |                               |          |                    |                          |
| Kampot           | 0                 | - 17               | 0               | —              | —    | 0                        | 0    | 0    | 0     | 0     | 0     |                               |          |                    |                          |
| Preynop          | 11                | - 13               | 100             | 11             | 31   | 0                        | 0    | 1    | 0     | 0     | 1     |                               |          |                    |                          |
| Bockor           | 6                 | - 15               | 50              | 4              | 20   | 0                        | 2    | 0    | 0     | 0     | 2     |                               |          |                    |                          |
| Kompong-trach    | 0                 | - 17               | 0               | —              | —    | 0                        | 0    | 0    | 0     | 0     | 0     |                               |          |                    |                          |
| Kep              | 20                | + 1                | 100             | 14             | 30   | 0                        | 1    | 1    | 0     | 0     | 2     |                               |          |                    |                          |
| Réam             | 6                 | - 33               | 100             | 4              | 22   | 0                        | 2    | 0    | 0     | 0     | 2     |                               |          |                    |                          |
| Ha-tien          | 0                 | - 12               | 0               | —              | —    | 0                        | 0    | 0    | 0     | 0     | 0     |                               |          |                    |                          |
| Nui-trau         | 0                 | - 51               | 0               | —              | —    | 0                        | 0    | 0    | 0     | 0     | 0     |                               |          |                    |                          |
| Duong-dong       | 10                | - 27               | 100             | 6              | 21   | 0                        | 2    | 0    | 0     | 0     | 2     | Tonle Sap et Grands Lacs      |          |                    |                          |
| Hon-chong        | 10                | - 21               | 100             | 6              | 21   | 0                        | 2    | 0    | 0     | 0     | 2     |                               |          |                    |                          |
| Soc-xoay         | 7                 | - 15               | 71              | 5              | 17   | 0                        | 2    | 0    | 0     | 0     | 2     |                               |          |                    |                          |
| Cay-cay          | 22                | - 44               | 82              | 15             | 22   | 0                        | 2    | 1    | 0     | 0     | 3     |                               |          |                    |                          |
| Cay-dua          | 3                 | - 37               | 100             | 2              | 20   | 3                        | 1    | 0    | 0     | 0     | 4     |                               |          |                    |                          |
| Rach-gia         | 0                 | - 10               | 0               | —              | —    | 0                        | 0    | 0    | 0     | 0     | 0     |                               |          |                    |                          |
| Chéomksan        | 0                 | - 1                | 0               | —              | —    | 0                        | 0    | 0    | 0     | 0     | 0     |                               |          |                    |                          |
| Sam-rong         |                   |                    |                 |                |      |                          |      |      |       |       |       |                               |          |                    |                          |
| Svai-chek        | 0                 | 0                  | 0               | —              | —    | 0                        | 0    | 0    | 0     | 0     | 0     |                               |          |                    |                          |
| Phnom-srok       | 0                 | - 4                | 0               | —              | —    | 0                        | 0    | 0    | 0     | 0     | 0     |                               |          |                    |                          |
| Sisophon         | 0                 | - 5                | 0               | —              | —    | 0                        | 0    | 0    | 0     | 0     | 0     |                               |          |                    |                          |
| Mong-kolborey    | 0                 | 0                  | 0               | —              | —    | 0                        | 0    | 0    | 0     | 0     | 0     |                               |          |                    |                          |

## Résumé des Observations pluviométriques

Mois de Janvier 1938

| STATIONS            | Quantité de pluie |                    |                      |                |      | Nombre de jours de pluie |          |          |           |           |       | Pluviosité moyenne par bassin  |          |                    |                          |
|---------------------|-------------------|--------------------|----------------------|----------------|------|--------------------------|----------|----------|-----------|-----------|-------|--------------------------------|----------|--------------------|--------------------------|
|                     | totale            | Ecart à la moyenne | R<br>Nuit<br>R Total | Max.<br>diurne | date | R ≤ 1mm                  | R ≤ 10mm | R ≤ 50mm | R ≤ 100mm | R > 100mm | total | Bassin                         | Quantité | Ecart à la moyenne | Nombre de jours de pluie |
|                     | mm                | mm                 |                      | mm             |      |                          |          |          |           |           |       |                                | mm       | mm                 |                          |
| Kralanh             | 0                 | - 1                | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     | Tonléap et Grands Laes (suite) | 1        | - 4                | 0                        |
| Barai d'Angkor      | 2                 | + 1                | 100                  | 2              | 7    | 0                        | 1        | 0        | 0         | 0         | 1     |                                |          |                    |                          |
| Toul-sam-ron        | 0                 | - 1                | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Siem-réap           | 0                 | - 4                | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Bacpréa             | 0                 | - 1                | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Battambang (Gare)   | 0                 | - 4                | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Battambang (O.I.R.) | 2                 | - 2                | 100                  | 2              | 23   | 0                        | 1        | 0        | 0         | 0         | 1     |                                |          |                    |                          |
| Battambang (S.M.)   | 5                 | - 1                | 0                    | 5              | 23   | 0                        | 1        | 0        | 0         | 0         | 1     |                                |          |                    |                          |
| Kompong-kléang      | 0                 | - 1                | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Staug               | 0                 | - 2                | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Réang-kései         | 0                 | - 14               | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Pailin              | 0                 | - 10               | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Muong Russey        | 0                 | - 6                | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Kompong thom        | 0                 | - 2                | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Pursat (Gare)       | 0                 | - 4                | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Pursat (S.M.)       | 0                 | - 5                | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Krakor              | 0                 | - 13               | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Ponley              | 0                 | - 6                | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Barai               | 0                 | - 3                | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Speu                | 0                 | - 1                | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Chamcar Andong      | 20                | + 5                | 100                  | 20             | 1    | 0                        | 0        | 1        | 0         | 0         | 1     |                                |          |                    |                          |
| Bamnack             | 0                 | - 6                | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Kompongbang         | 0                 | - 7                | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Kompongchnang       | 0                 | - 7                | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Sdokachroméas       | 0                 | - 3                | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Tangphloch          | 0                 | - 4                | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Kompongtralach      | 0                 | - 6                | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Tbengkpos           | 0                 | - 27               | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Rocakong            | 0                 | - 4                | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     | Haut Delta du Mekong           | 1        | - 9                | 0                        |
| Snaipol             | 0                 | - 6                | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Phompenh            | 0                 | - 8                | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Tukkléang           | 2                 | - 8                | —                    | 2              | 1    | 0                        | 1        | 0        | 0         | 0         | 1     |                                |          |                    |                          |
| Preyveng            | 0                 | - 8                | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Kompong speu        | 4                 | - 9                | 100                  | 4              | 17   | 0                        | 1        | 0        | 0         | 0         | 1     |                                |          |                    |                          |
| Kompongakmtuot      | 0                 | - 1                | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Banam               | 0                 | - 13               | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Chambak             | 0                 | - 1                | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Kasthom             | 0                 | - 8                | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Kompongtrabec       | 0                 | - 11               | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Loeudek             | 0                 | - 4                | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Chhuk               | 0                 | - 15               | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Angtassom           | 0                 | - 18               | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Takeo               | 0                 | - 14               | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Benghi              | 0                 | - 10               | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Tramkok             | 0                 | - 26               | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Kasko               | 10                | - 7                | 100                  | 4              | 21   | 0                        | 3        | 0        | 0         | 0         | 3     |                                |          |                    |                          |
| Tani                | 0                 | - 9                | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Chrospeck           | 0                 | - 10               | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Srééchéa            | 0                 | - 10               | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Kirivong            | 5                 | - 7                | 100                  | 4              | 22   | 1                        | 1        | 0        | 0         | 0         | 2     |                                |          |                    |                          |
| Stungtreng          | 0                 | - 2                | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     | Mekong inférieur               | A        |                    |                          |
| Sambor              | 0                 | - 3                | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Kratié              | 0                 | - 9                | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Prekkak             | 0                 | - 8                | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Chamcarlœu          | 4                 | 0                  | 100                  | 4              | 17   | 0                        | 1        | 0        | 0         | 0         | 1     |                                |          |                    |                          |
| Gatille             | 0                 | - 6                | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Chlong              | 0                 | - 12               | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Stung-trang         | 0                 | - 8                | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
| Snoul               | 0                 | - 6                | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |
|                     | 0                 | - 6                | 0                    | —              | —    | 0                        | 0        | 0        | 0         | 0         | 0     |                                |          |                    |                          |

## Résumé des Observations pluviométriques

Mois de Janvier 1938

| STATIONS           | Quantité de pluie |                    |                      |                |      | Nombre de jours de pluie |             |             |              |              |       | Pluviosité moyenne par bassin |          |                    |                          |
|--------------------|-------------------|--------------------|----------------------|----------------|------|--------------------------|-------------|-------------|--------------|--------------|-------|-------------------------------|----------|--------------------|--------------------------|
|                    | totale            | Ecart à la moyenne | R<br>Nuit<br>R Total | Max.<br>diurne | date | R<br>≤ 1mm               | R<br>≤ 10mm | R<br>≤ 50mm | R<br>≤ 100mm | R<br>≥ 100mm | total | Bassin                        | Quantité | Ecart à la moyenne | Nombre de jours de pluie |
|                    |                   |                    |                      |                |      |                          |             |             |              |              |       |                               |          |                    |                          |
| Thmarpitt          | 0                 | -14                | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     | Mékong inférieur (suite)      | 0        | -11                | 0                        |
| Skoun              | 0                 | -14                | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Kompong-cham       | 0                 | -13                | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Chup               | 0                 | -9                 | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Suong              | 0                 | -11                | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Péamchéang         | 0                 | -13                | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Chalang            | 0                 | -17                | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Preckchlong        | 0                 | -37                | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Mimot (S.P.Ad.)    | 0                 | -10                | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Mimot (S.P.L.)     | 0                 | -14                | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Kantroy            | 0                 | -17                | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     | Mékong moyen (Bas Laos)       | 2        | -3                 | 0                        |
| Napé               | 0                 | -4                 | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Kham-keut          | 0                 | -2                 | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Boneng             | 0                 | -4                 | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Pakhinboun         | 0                 | 0                  | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Mahaxay            | 0                 | -7                 | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Thakhek            | 0                 | -3                 | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Tchépone           | 0                 | -7                 | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Khe-sanh           | 33                | -2                 | 61                   | 13             | 11   | 0                        | 5           | 1           | 0            | 0            | 6     |                               |          |                    |                          |
| Lao-bao            | 0                 | -1                 | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Savannakhet        | 0                 | -2                 | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Muong-phine        | 0                 | -1                 | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Keng-kok           | 0                 | -1                 | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Bantampril         | 9                 | -16                | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Saravane           | 0                 | -3                 | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Khamtonggiai       | 0                 | -9                 | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Lao-ngam           | 0                 | 0                  | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Thateng            | 13                | +4                 | 77                   | 10             | 7    | 0                        | 2           | 0           | 0            | 0            | 2     |                               |          |                    |                          |
| Souvannakhili      | 0                 | -1                 | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Nongmet            | 0                 | —                  | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Bolovens (Paksong) | 0                 | -14                | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Paksé              | 0                 | -1                 | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Bassac             | 0                 | 0                  | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Attopeu            | 0                 | -2                 | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Fiafay             | 0                 | 0                  | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Siempang           | 6                 | +5                 | 0                    | 6              | 6    | 0                        | 1           | 0           | 0            | 0            | 1     |                               |          |                    |                          |
| Khong              | 0                 | -5                 | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Veunesai           | 3                 | +1                 | 100                  | 3              | 5    | 0                        | 1           | 0           | 0            | 0            | 1     |                               |          |                    |                          |
| Muong Houneua      | 0                 | -11                | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     | Mékong supérieur (Haut Laos)  | 5        | -3                 | 1                        |
| Phongsaly          | 8                 | -11                | 25                   | 7              | 7    | 1                        | 1           | 0           | 0            | 0            | 2     |                               |          |                    |                          |
| Bouneua            | 9                 | -2                 | 22                   | 6              | 7    | 1                        | 2           | 0           | 0            | 0            | 3     |                               |          |                    |                          |
| Bountay            | 0                 | -5                 | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Dienbienphu        | 0                 | -4                 | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Muong-sing         | 29                | +26                | 73                   | 17             | 7    | 0                        | 3           | 1           | 0            | 0            | 4     |                               |          |                    |                          |
| Muong-khoua        | 0                 | -8                 | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Muong Luongnamtha  | 52                | +41                | 58                   | 16             | 9    | 0                        | 1           | 3           | 0            | 0            | 4     |                               |          |                    |                          |
| Vien poukha        | 7                 | -26                | 57                   | 7              | 7    | 0                        | 1           | 0           | 0            | 0            | 1     |                               |          |                    |                          |
| Muong sai          | 0                 | -6                 | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Muong ngoi         | 0                 | -5                 | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Banhoueisai        | 7                 | -2                 | 100                  | 7              | 7    | 0                        | 1           | 0           | 0            | 0            | 1     |                               |          |                    |                          |
| Luang prabang      | 0                 | -16                | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Xieng khouang      | 0                 | -8                 | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Tha thom           | 0                 | —                  | —                    | —              | —    | —                        | —           | —           | —            | —            | —     |                               |          |                    |                          |
| Muong Kham         | 0                 | -1                 | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Muong Vanvieng     | 0                 | -5                 | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Borikhane          | 0                 | -4                 | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Tourakhom          | 0                 | 0                  | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Paksane            | 0                 | -5                 | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Paklay             | 0                 | -1                 | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |
| Vientiane          | 0                 | -6                 | 0                    | —              | —    | 0                        | 0           | 0           | 0            | 0            | 0     |                               |          |                    |                          |